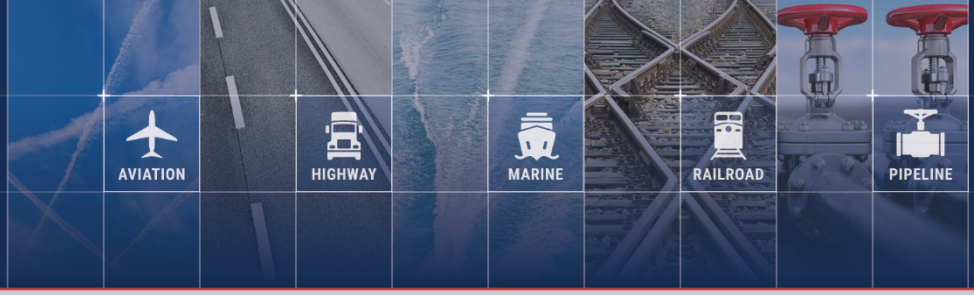

Aviation Investigation Final Report

Location:	Peyton, Colorado	**Accident Number:**	CEN22LA171
Date & Time:	April 7, 2022, 19:50 Local	**Registration:**	N248G
Aircraft:	CIRRUS DESIGN CORP SR22	**Aircraft Damage:**	Substantial
Defining Event:	Collision during takeoff/land	**Injuries:**	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported he intended to land after sunset and did not activate the runway lighting. During final approach, the airplane collided with the airport windsock and landed next to the runway. During the landing roll the pilot maneuvered the airplane onto the runway and stopped on a taxiway. The airplane sustained substantial damage to the left wing when it impacted the windsock. The pilot reported that there were no preaccident mechanical failures or malfunctions with the airplane that would have precluded normal operations and that he misjudged the runway location.

Probable Cause and Findings

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

The pilot's decision to not activate the runway lighting and misjudged the runway location, which resulted in a collision with a windsock.

Findings

Personnel issues	Decision making/judgment - Pilot
Environmental issues	Runway lighting - Decision related to condition
Personnel issues	Use of equip/system - Pilot
Aircraft	Descent/approach/glide path - Not attained/maintained
Aircraft	Heading/course - Not attained/maintained

Factual Information

History of Flight

Approach-VFR pattern final	Collision during takeoff/land (Defining event)

Pilot Information

Certificate:	Private	**Age:**	53,Male
Airplane Rating(s):	Single-engine land	**Seat Occupied:**	Left
Other Aircraft Rating(s):	None	**Restraint Used:**	4-point
Instrument Rating(s):	None	**Second Pilot Present:**	No
Instructor Rating(s):	None	**Toxicology Performed:**	
Medical Certification:	Class 3 With waivers/limitations	**Last FAA Medical Exam:**	February 11, 2021
Occupational Pilot:	No	**Last Flight Review or Equivalent:**	June 26, 2021
Flight Time:	200 hours (Total, all aircraft), 85 hours (Total, this make and model), 151 hours (Pilot In Command, all aircraft), 23 hours (Last 90 days, all aircraft), 13 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CIRRUS DESIGN CORP	**Registration:**	N248G
Model/Series:	SR22	**Aircraft Category:**	Airplane
Year of Manufacture:	2005	**Amateur Built:**	
Airworthiness Certificate:	Normal	**Serial Number:**	1261
Landing Gear Type:	Tricycle	**Seats:**	4
Date/Type of Last Inspection:	February 12, 2022 Annual	**Certified Max Gross Wt.:**	3400 lbs
Time Since Last Inspection:	15.3 Hrs	**Engines:**	1 Reciprocating
Airframe Total Time:	1861.2 Hrs as of last inspection	**Engine Manufacturer:**	Continental Motors
ELT:	Installed, not activated	**Engine Model/Series:**	IO-550-N
Registered Owner:	HALO LLC	**Rated Power:**	310 Horsepower
Operator:	On file	**Operating Certificate(s) Held:**	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	**Condition of Light:**	Dusk
Observation Facility, Elevation:	KFLY,6874 ft msl	**Distance from Accident Site:**	0 Nautical Miles
Observation Time:	19:55 Local	**Direction from Accident Site:**	137°
Lowest Cloud Condition:	Clear	**Visibility**	10 miles
Lowest Ceiling:	None	**Visibility (RVR):**	
Wind Speed/Gusts:	8 knots / 16 knots	**Turbulence Type Forecast/Actual:**	/
Wind Direction:	360°	**Turbulence Severity Forecast/Actual:**	/
Altimeter Setting:	30.32 inches Hg	**Temperature/Dew Point:**	3°C / -14°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Cedar City, UT (CDC)	**Type of Flight Plan Filed:**	None
Destination:	Peyton, CO (FLY)	**Type of Clearance:**	VFR
Departure Time:	16:30 Local	**Type of Airspace:**	Class E

Airport Information

Airport:	Meadow Lake Airport FLY	**Runway Surface Type:**	Asphalt
Airport Elevation:	6878 ft msl	**Runway Surface Condition:**	Dry
Runway Used:	33	**IFR Approach:**	None
Runway Length/Width:	6001 ft / 60 ft	**VFR Approach/Landing:**	Full stop;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	**Aircraft Damage:**	Substantial
Passenger Injuries:		**Aircraft Fire:**	None
Ground Injuries:	N/A	**Aircraft Explosion:**	None
Total Injuries:	1 None	**Latitude, Longitude:**	38.947656,-104.57201

Administrative Information

Investigator In Charge (IIC):	Lindberg, Joshua
Additional Participating Persons:	Michael Anderson; Federal Aviation Administration; Denver, CO
Original Publish Date:	July 1, 2022
Last Revision Date:	
Investigation Class:	Class 4
Note:	The NTSB did not travel to the scene of this accident.
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=104929