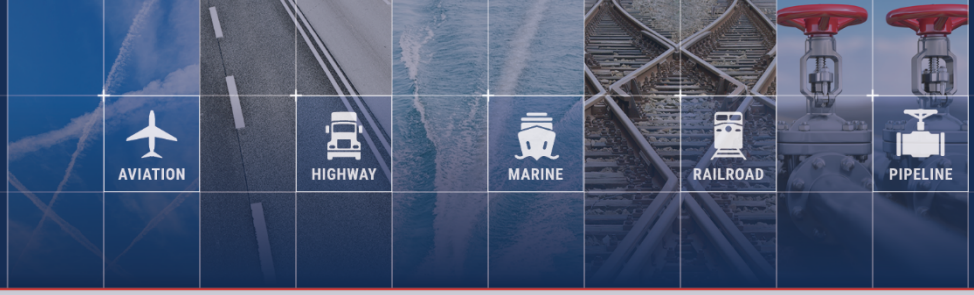

Aviation Investigation Final Report

Location:	Elbert, Colorado	**Accident Number:**	CEN24LA224
Date & Time:	June 16, 2024, 15:30 Local	**Registration:**	N37JG
Aircraft:	JONKER SAILPLANES (PTY) LTD JS3 RES	**Aircraft Damage:**	Substantial
Defining Event:	Loss of control on ground	**Injuries:**	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The glider pilot reported that during the approach, the wind shifted 180°, and he amended his pattern to land on runway 17. During touchdown, a right crosswind gust lifted the glider, and the right wing contacted tall grass adjacent to the runway. The glider yawed to the right, and the pilot attempted to correct by applying left rudder and aileron. The glider then yawed to the left, and the left wing contacted the tall grass. The glider spun 180° and came to rest upright, which resulted in substantial damage to the fuselage and left aileron. The pilot reported that there were no preaccident mechanical failures or malfunctions with the glider that would have precluded normal operation.

The pilot reported that at the time of the accident, he was landing the glider on runway 17 with a 12-knot right crosswind and wind gusts of 23 knots.

Probable Cause and Findings

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

The pilot's failure to maintain directional control during the landing with a right crosswind.

Findings

Personnel issues	Aircraft control - Pilot
Aircraft	Directional control - Not attained/maintained
Environmental issues	Crosswind - Effect on operation
Environmental issues	Gusts - Effect on operation

Factual Information

History of Flight

Landing-flare/touchdown	Other weather encounter
Landing-flare/touchdown	Loss of control on ground (Defining event)
Landing-flare/touchdown	Attempted remediation/recovery
Landing-flare/touchdown	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Commercial; Private	**Age:**	61,Male
Airplane Rating(s):	Single-engine land	**Seat Occupied:**	Center
Other Aircraft Rating(s):	Glider	**Restraint Used:**	4-point
Instrument Rating(s):	None	**Second Pilot Present:**	No
Instructor Rating(s):	None	**Toxicology Performed:**	
Medical Certification:	Class 3 Without waivers/limitations	**Last FAA Medical Exam:**	September 1, 2023
Occupational Pilot:	No	**Last Flight Review or Equivalent:**	May 24, 2024
Flight Time:	1206 hours (Total, all aircraft), 31 hours (Total, this make and model), 1140 hours (Pilot In Command, all aircraft), 17 hours (Last 90 days, all aircraft), 11 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	JONKER SAILPLANES (PTY) LTD	**Registration:**	N37JG
Model/Series:	JS3 RES	**Aircraft Category:**	Glider
Year of Manufacture:	2023	**Amateur Built:**	Yes
Airworthiness Certificate:	Experimental (Special)	**Serial Number:**	03-179
Landing Gear Type:	Retractable - None; Ski/wheel	**Seats:**	1
Date/Type of Last Inspection:	November 3, 2024 Condition	**Certified Max Gross Wt.:**	1323 lbs
Time Since Last Inspection:		**Engines:**	1 Electric
Airframe Total Time:	32.5 Hrs as of last inspection	**Engine Manufacturer:**	Solo
ELT:	Not installed	**Engine Model/Series:**	RES
Registered Owner:	On file	**Rated Power:**	
Operator:	On file	**Operating Certificate(s) Held:**	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	**Condition of Light:**	Day
Observation Facility, Elevation:	KMNH,7060 ft msl	**Distance from Accident Site:**	1 Nautical Miles
Observation Time:	15:35 Local	**Direction from Accident Site:**	142°
Lowest Cloud Condition:	Clear	**Visibility**	10 miles
Lowest Ceiling:	None	**Visibility (RVR):**	
Wind Speed/Gusts:	16 knots / 20 knots	**Turbulence Type Forecast/Actual:**	/
Wind Direction:	180°	**Turbulence Severity Forecast/Actual:**	/
Altimeter Setting:	29.93 inches Hg	**Temperature/Dew Point:**	28°C / 0°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Elbert, CO	**Type of Flight Plan Filed:**	None
Destination:	Elbert, CO	**Type of Clearance:**	None
Departure Time:		**Type of Airspace:**	Class G

Airport Information

Airport:	KELLY AIR PARK CO15	**Runway Surface Type:**	Asphalt
Airport Elevation:	7040 ft msl	**Runway Surface Condition:**	Dry
Runway Used:	17/35	**IFR Approach:**	None
Runway Length/Width:	3800 ft / 36 ft	**VFR Approach/Landing:**	Full stop

Wreckage and Impact Information

Crew Injuries:	1 None	**Aircraft Damage:**	Substantial
Passenger Injuries:	N/A	**Aircraft Fire:**	None
Ground Injuries:		**Aircraft Explosion:**	None
Total Injuries:	1 None	**Latitude, Longitude:**	39.223726,-104.63974(est)

Administrative Information

Investigator In Charge (IIC):	Sauer, Aaron
Additional Participating Persons:	Travis Novak; FAA; Denver, CO
Original Publish Date:	July 25, 2024
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=194481