NATIONAL TRANSPORTATION SAFETY BOARD PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT

This form to be used for reporting civil and public aircraft accidents and incidents

BASI	C INFORMA	NOITA							TA ROSE				
Accide	nt/Incident Loc	ation					Ac	cident/Incid	lent Date/7	Γime			
Nearest City/Place: Buffalo State: WY				Dat	te:02/2	27/2022	Lo	cal Time:	2030				
ZIP: 82	2834 (Country: <u>Un</u>	ited States					mm/de					**************************************
Latitude	44.38229		Longitude:106	5.72433						Tı	me Zone: _	MST	
	(Enter in decima	ıl degrees or d	degrees:minutes:se	conds)			Co	ollision with	Other Air	craft: C) Midair	OOn-groun	d O None
AIRC	RAFT INFO	RMATIO	N										
Registr	ation Number:	N1799P						☐ IFR-Equip					
	acturer: Piper							□ Commerci □ Unmannec		ght			
Model:	PA-22-150						M	aximum Gr	oss Weigh	t: <u>2,000</u>		lbs	
Serial I	Number: <u>22-25</u>	572					w	eight at Tin	ne of Accid	ent/Inci	dent: <u>13</u>	92.8	lbs
Year of	Manufacture:	1955					Nu	umber of Se	ats: 4		Flight Cre	ew Seats: 2	
Amate			OKit/Plans Ma				Cal	bin Crew Seat	is: 0		Passenger	Seats: 2	
	⊙ No		Original Design					umber of En			_	,	
Catego	ry of Aircraft	Type of A	irworthiness Ce	rtificate		Landing Ge				Engine	Type (Se	elect one)	
AirplBallo		(Check all t				(Check all tha				• Reci	procating	-	d Rocket
	o/Dirigible	✓ Norma		ted			Retra	ractable		O Turb O Turb		O Solid	Rocket id Rocket
OGlide		Aerob	지하는 1. 1 전 1 전 1 전 1 전 1 전 1 전 1 전 1 전 1 전			▼ Tricycle		÷===	ailwheel	O Turb	o Jet	O None	
O Gyro O Helic		☐ Balloc	C. 194		1	☐ Amphibia ☐ Emergenc		□H oat □SI	igh Skid	O Turb O Elec		O Unkn	own
O Powe O Rock		Transp	ort Experi	mental		☐ Float	,,	□SI	ci	O Lice			
O Ultra	70°C	☐ Utility		l Light-Spo mental Ligl		Hull		□SI	ci/Wheel	Fuel Sy	stem Type	(Reciprocation	1g)
O Unkn	own	☐Certificate	e of Authorization			Other Lau	ınch/	Recovery Sys	tem	⊙ Carb	uretor	O Fuel-	Injected
		□None		Unknown		☐ None		U	nknown				
			Engine		Manuf	acturer's		Date of Mfg.	Rated Power		Total	Time Inspection	Since:
Engine	Engine Manufa	cturer	Model/Series			Number		mm dd yyyy	O lbs of 7		(hours)	(hours)	(hours)
Eng. 1	Lycoming		0-320-B		L-7459-	-27	l	Unknown	150		3880.6	73.8	562.7
Eng. 2 Eng. 3							-						
Eng. 4							-						
	spection Type			Propello	er 1	●Fixed Pi	itch		Prope	ller 2	0	L Fixed Pitch	
O100-H		inuous Airwo	rthinass	1.0			llable Pitch I Adjustable				O Controllable Pitch		
OAAIP	O Conc	litional Inspec	ction	Manufac	turer: S	Sensenich	Adji	Adjustable OGround Adjustal Manufacturer:					
Annu	al O Unkr	nown			74DM6								
Date La	ast Inspection:				stalled:		No		-			Check all that	
Airfran	ne Total Time:	mm/dd/yy 4648 7	yy hrs	If Yes:		0			□ ADS		ipinent (check all that	арріу)
	s measured at (Se			ELT Ma		er: Narco			2 00000 0000000000000000000000000000000	rame Para	chute ck Indicato	_	
OLast Inspection O Time of Accident/Incident Mo						: <u>ELT 10</u>	1001	1 (12) 5) (1)	□ Aut		ck marcaro	I	
Type of Maintenance Program (Select one)				130 110		(121.5 MHz) C (406 MHz)	1 C91	1a (121.5 MHz	L Data	Recorder		Handheld De	dae
Annual Ann				unted in aircra	ft?	OVes ONo			ltifunction		vice		
O Manufacturer's Inspection Program Was ELT sti				Γ still con	nected to anten	ına?		□Elec		mary Fligh	t Display		
O Other Approved Inspection Program (AAIP)				SOCIOCIONI UNIDERVIDEI		? OYes ⊙N	Vo			dheld GPS ds Up Dis			
				If activa		ocating Aircrat	ft: C	OYes ONo	□Onb	oard Wea	ther		
	otion of Fire Ex	tinguishing	System	If not ac		-9 - 3 0. 11	otti. Id	J.10		Ilite Track Warning	cing Device System	•	
None		8	•	Indicate		☐ Impact Dan		2	□Vide	eo Record	ing Device		
O Spec	ну:					☐ Fire Damag ☐ Battery Exp	ge nirad	1/Damagad	Othe	er, Specify	<i>(</i> ;		
						☐ Unknown	pircu	Damageu					

OWNER/OPERATOR INFORMA	ATION	
Registered Aircraft Owner		City: Rosebud
Name: Joshua M. Granger		State: MT ZIP: _59347
Fractional Ownership Aircraft: O Yes O	No	Country: United States
Operator of Aircraft	gistered Owner	✓ Same Address as Registered Owner
Name: Joshua M. Granger		City: Rosebud
Doing Business As: N/A		State: MT ZIP: <u>59347</u>
Air Carrier/Operator Designator (4 Character	er Code): N/A	Country: United States
Operating Certificates Held (Check all that apply)	Regulation Flight Conducted Un	der Revenue Operation for FAR 121, 125, 129, 135 (Select one for each group)
☑ None ☐ Flag Carrier Operating Certificate (FAR 121) ☐ Supplemental ☐ Air Cargo ☐ Foreign Air Carriers (FAR 129) ☐ Rotorcraft External Load (FAR 133)	OFAR 91 OFAR 129 OFAR 130 OFAR 103 OFAR 133 OFAR 135 OFAR 121 OFAR 135 OFAR 125 OFAR 137 OFAR 125 OFAR 137 OFAR 125 OFAR 137 OFAR	431 O Non-Scheduled or Air Taxi O International 435 437 O Passenger O Cargo
☐ Commuter Air Carrier (FAR 135) ☐ On-Demand Air Taxi (FAR 135)	O Non-US, Non-commercial	O Mail Contract Only
☐ Commercial Air Tour (FAR 136) ☐ Agricultural Aircraft (FAR 137) ☐ Pilot School (FAR 141)	O Public Aircraft (Select one)	Purpose of Flight for FAR 91, 103, 133, 137 (Select one)
□ Pilot School (FAR 141) □ Certificate of Authorization or Waiver (COA) □ Commercial Space Transportation Experimental Permit □ Commercial Space Transportation License □ Other Operator of Large Aircraft	O Armed Forces O Federal O State O Local O Unknown	O Aerial Application O Aerial Observation O Air Drop O Air Race/Show O Banner Tow O Business O Executive/Corporate O Aerial Observation O Firefighting O Unknown O Flight Test O Glider Tow O Instructional O Other Work Use O Personal O Positioning
Revenue Sightseeing Flight	Air Medical Flight	O External Load O Skydiving
○ Yes	O Yes O No	
AIRPORT INFORMATION (Fill in	if accident/incident occurred on app	oroach, landing, takeoff, departure, or within 3 miles of an airport)
Airport Name: Johnson County Airport Airport Identifier: KBYG Proximity to Airport: O Off Airport/Airstrip	t	Distance From Airport Center: < 1
Runway Information Runway ID: 13 (L/R/C) Length: 61 Runway/Landing Surface (Check all that	dam Water	Condition of Runway/Landing Surface (Check all that apply) □ Dry □ Snow-Compacted □ Water-Calm □ Holes □ Snow-Crusted □ Water-Choppy □ Ice Covered □ Snow-Dry □ Water-Glassy □ Rough □ Snow-Wet □ Wet □ Rubber Deposits □ Soft □ Slush-Covered □ Vegetation □ Unknown
Approach/Departure Segment (Select one) OTaxi OTakeoff OIFR Departure Proc OInitial Climb	OOn Instrument Ap	proach ODownwind OLow Approach OBase OGo Around OFinal OCrosswind OUnknown
IFR Approach (Check all that apply) ☑ None		VFR Approach (Check all that apply) □None
□ ADF/NDB □ PAR □ SDF □ Sidestep □ VOR/TVOR □ ILS □ VOR/DME □ Localizer Only □ TACAN □ LOC-back course □ RNAV	□MLS □Practice □LDA □GPS □ASR □Visual □Contact □Circling □Unknown	☐ Traffic Pattern ☐ Stop and Go ☐ Straight-In ☐ Touch and Go ☐ Valley/Terrain Following ☐ Simulated Forced Landing ☐ Go Around ☐ Forced Landing ☐ Full Stop ☐ Precautionary Landing ☐ Unknown

"FLIGHT CREWMEN	IBER 1" INF	ORMATIC	N					1.0		
"Flight Crewmember 1" Re	esponsibilities at O Student Pilot	the Time of O Flight In		cident Check Pilot	O Fligh	t Engineer	O Other I	Flight Crew		
"Flight Crewmember 1" wa	s pilot flying	✓Yes □ N	0							
"Flight Crewmember 1" Ide	entification									
First Name: Joshua				C	ity of Res	sidence: R	osebud			
Middle Initial: M				S	tate: MT		,	ZIP: 59347		
Last Name: Granger						United St				
	Accident/Incide	nt: 41	Date of B	200 AS	ounu v.		n/dd/yyyy			
			rtificate Num			_				
Degree of Injury	Seat Occupi				traint Ty	pe		1	nflatable R	estraints
None	LeftRightCenter	O Front O Rear O Single	O Unknov	vn	Available O None O Lap or		Used O None O Lap only	,	✓ Not Insta	
Pilot Certificate(s) (Check al	l that apply)				O 3-poin	t	O3-point		☐ Not Dep	loyed
□ None □ Flight I □ Private □ Recreat ☑ Student □ Sport	tional	Commercial Airline Transpo Flight Engineer	□ US M rt □ Foreig		● 4-poin O 5-poin O Unkno	t	◆ 4-point◆ 5-point◆ Unknow	/n	☐ Deploye	
Principal Occupation	Medical Certific	ate		Med	lical Cert	tificate Va	lidity	I	ate of Last	Medical
⊙ Other	O Class I	Class 3 Driver's Licer Unknown	ise (Sport Pilot	only) OW		itations/waivers ions/waivers ance		nknown /A	05/22/201 mm/dd/yy,	
Medical Certificate Limitat	ions									
N/A										
Medical Certificate Special	Issuance									
N/A	issuance									
N/A										
Date of Last Flight Review		Flight	Review Airc	raft						
or Equivalent, Including	N1/A	Make:								
FAR 121/135 Checks:	N/A mm/dd/yyyy	Model:								
Airplane Rating(s)	Other Aircraft		1	ent Rating(s)	, T	Instructor	Rating(s)		-	
(Check all that apply)	(Check all that ap	pply)	(Check al	l that apply)		(Check all t	hat apply)			
✓ None✓ Single-Engine Land	✓ None ☐ Airship		☑ None ☐ Airpla	na		☑ None	e Single-Engi		Instrument A	
☐ Single-Engine Sea	☐ Balloon		☐ Helico			☐ Airplane	Multi-Engir		Helicopter	iencopiei
 ☐ Multiengine Land ☐ Multiengine Sea 	☐ Glider ☐ Gyroplane		☐ Power	ed Lift		☐ Gyropla☐ Powered			Glider	
indicagne sea	☐ Helicopter					☐ Fowered	LIII		Sport	
T D. d	☐ Powered Lift					C1 1 1 F	1			
Type Ratings								its (Include a	(ates)	
N/A 1/20/22 - 14 CFR 61.87(b)(c)(d) 1/20/22 - 14 CFR 61.87(n) 1/20/22 - 14 CFR 61.93(b)(1) 1/28/22 - 14 CFR 61.93(b)(2) 2/27/22 - 14 CFR 61.87(o)										
Flight Time (Enter appropriate	2 411	This Make	Airplane	Almeter		Insti	ument			T.IF.
number of hours in each box)	All Aircraft	This Make & Model	Single Engine	Airplane Multiengine	Night	Actual	Simulated	Rotorcraft	Glider	Lighter Than Air
Total Time	56	54	56	0	4		0	0	0	0
Pilot in Command (PIC)	26	26	26	0	1	-	0	0	0	0
Time as Instructor	0	0	0	0	C	200	0	0	0	0
This Make/Model	A STATE OF THE PARTY OF THE PAR	100			4	0	0			
Lost 00 Days	44	42	AA	^			^	^	^	^
Last 90 Days Last 30 Days	44 27	43 27	44 27	0	2		0	0	0	0

"FLIGHT CREWME	MBER 2" INFOR	RMATION	V	10000						
"Flight Crewmember 2" OPilot OCo-Pilot	O Student Pilot	Time of A OFlight Inst		t ck Pilot	O Flig	tht Engineer	OOther F	light Crew		
"Flight Crewmember 2"	was pilot flying 🔲 🗅	es □Ne	0							
"Flight Crewmember 2"				O.,	CD	. 1				
First Name:						sidence:				
Middle Initial:				Stat	te:		Z	IP:		
Last Name:										
Age at time of	of Accident/Incident:		Date of Birth: ficate Number:			<i>mm</i>	/dd/yyyy			
Degree of Injury	Seat Occupied		•	Restr	aint T	ype			Inflatable R	estraints
O None O Fatal O Minor O Unknown O Serious	ORight	OFront ORear OSingle	O Unknown	(vailabl O None O Lap o	;	Used O None O Lap only	,	☐ Not Insta	government.
Pilot Certificate(s) (Check	all that apply)				3-poi	5	O 3-point		☐ Not Dep	loyed
		mercial ne Transport nt Engineer	☐ US Military☐ Foreign	(O 4-poi O 5-poi O Unkr	nt	O 4-point O 5-point O Unknow	n	☐ Deploye ☐ Unknow	
Principal Occupation	Medical Certificate			Medi	cal Ce	rtificate Val	idity		Date of Las	t Medical
O Pilot O Other O Unknown			e (Sport Pilot only	O Wi	thout lis	mitations/waiv ations/waivers	rers O Ui	nknown 'A	mm/dd/yy	vy
Medical Certificate Limit	ations									
Medical Certificate Speci	al Issuance									
Date of Last Flight Review or Equivalent, Including	w		eview Aircraft							
FAR 121/135 Checks:		Access contracts								
Alaska Paties (a)	mm/dd/yyyy	Model: _					D 11 / /			
Airplane Rating(s) (Check all that apply)	Other Aircraft Ra		(Check all that			Instructor (Check all the				
☐ None	□ None		None	ирріу)		□ None	ш арріу)		Instrument A	irplane
☐ Single-Engine Land☐ Single-Engine Sea	☐ Airship		☐ Airplane			☐ Airplane		e 🔲	Instrument H	elicopter
☐ Multiengine Land	☐ Balloon ☐ Glider		☐ Helicopter☐ Powered Li	ft		☐ Airplane			Helicopter Glider	
☐ Multiengine Sea	Gyroplane					D Powered			Sport	
	☐ Helicopter☐ Powered Lift									
Type Ratings		W150.				Student En	idorsement	s (Include d	ates)	
									n en	
Flight Time (Enter appropr	riate All Th	is Make	Airplane Single	irplane		Instr	ument			Lighter
number of hours in each box)		Model	0	ıltiengine	Night	Actual	Simulated	Rotorcraft	Glider	Than Air
Total Time										
Pilot in Command (PIC)										
Time as Instructor						-				
This Make/Model				WE BONSON		_				(She)
Last 90 Days	T I		1	1		1	I	I	1	1
Last 30 Days									-	

ADDITIONAL FLIC	SHT CREWMEME	BERS (Exclusiv	e of cabin cr	ew, complete	the following	g information)		
Crew Name and Add	ress						Seat Occupie	d	Injury
Middle Initial:	me: City of Residence: Initial: State: ZIP: me: Country:						O Left O Center O Right	O Front O Rear O Single O Unknown	O None O Minor O Serious O Fatal O Unknown
Pilot Certificate(s) (C None Private Student Type Rating/Endorse Accident/Incident Air	Flight Instructor Recreational Sport	□ Airl		oort		hrs	Restraint Tyl Available O None O Lap Only O 3-point O 4-point O 5-point O Unknown	Used O None O Lap Only O 3-point O 4-point O 5-point O Unknown	Inflatable Restraints Not Installed Installed Deployed Unknown
Crew Name and Addi	ress						Seat Occupie	d	Injury
Middle Initial:		State	e:		ZIP:		OLeft OCenter ORight	O Front O Rear O Single O Unknown	O None O Minor O Serious O Fatal O Unknown
Pilot Certificate(s) (Check all that apply) None				Restraint Tyl Available O None O Lap Only O 3-point O 4-point O 5-point O Unknown	Used O None O Lap Only O 3-point O 4-point O 5-point O Unknown	Inflatable Restraints Not Installed Installed Not Deployed Deployed Unknown			
Accident/Incident Air PASSENGER(S) /								O GIRGIONII	
	J.HEINI ENGON		niolade C	Soll Grew, O	Change on S	Sparate Shee	ch necessary)	Inflatable	
Name and Address				Seat	Injury	Restraint T		Restraints	Age
First Name: Middle Initial: Last Name: OCrew	State: Z	IP:		OLeft OCenter ORight OUnknown Row:	O None O Minor O Serious O Fatal O Unknown	Available ONone OLap Only O3-point O4-point O5-point OUnknown	O 3-point O 4-point O 5-point	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5, ○ Child Restraint ○ Lap-Held ○ Unknown
First Name: Middle Initial: Last Name: OCrew	State: Z	IP:		OLeft OCenter ORight OUnknown Row:	O None O Minor O Serious O Fatal O Unknown	Available ONone OLap Only O3-point O4-point O5-point OUnknown	O 3-point O 4-point O 5-point	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years
First Name: Middle Initial: Last Name: OCrew	State: Z	IP:		OLeft OCenter ORight OUnknown Row:	O None O Minor O Serious O Fatal O Unknown	Available O None O Lap Only O 3-point O 4-point O 5-point O Unknown	O 3-point O 4-point O 5-point	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐Under 5 years
First Name: Middle Initial: Last Name: OCrew	State: Z	IP:		OLeft OCenter ORight OUnknown Row:	O None O Minor O Serious O Fatal O Unknown	Available ONone OLap Only O3-point O4-point O5-point OUnknown	O 3-point O 4-point O 5-point	□ Not Installed □ Installed □ Not Deployed □ Deployed □ Unknown	☐ Under 5 years

FLIGHT ITINERARY	INFORMATIO	N	11.					
Last Departure Point	Tim	e of Departure	Destination	on		Type Fligh	t Plan F	iled
Airport ID: KSHR		2000	Airport ID:	KBYG		None		O VFR/IFR
City: Sheridan	Time	2000	City: Buff	alo		O Company		O IFR
State: WY	Time	Zone: MST	State: WY			O Military O VFR	VFK	O Unknown
Country: United States				Inited States		100	OYes	ONo OUnknown
Type of ATC Clearance/Ser	vice (Check all that	apply)						
✓ None □ VFR □	Special VFR IFR	☐ Spe	cial IFR R On Top		☐ VFR Flight Follo☐ Traffic Advisory		☐ Cruis	e own / NA
☐ Class B ☐ Class C ☐ Class D ☐ Class E ☐	Class G Demo Area Warning Area Prohibited Area Restricted Area	☐ Mili ☐ Airp ☐ Jet 1 ☐ TRS ☐ FAR	tary Operations fort Advisory A Craining Area A A B 93	rea	□Special □Air Traffic Conti □Unknown	rol Area	Altitud Occurr 497	
WEATHER INFORMA		ACCIDENT	/INCIDEN					
Source of Pilot Weather Inf (Check all that apply) National Weather Service Flight Service Station TV/Radio Automated Report Commercial Weather Service On-Board Weather	☐ Com ☐ Mili ☐ Inter ☐ Non	tary net e		Facility ID: K Observation Ti Time Zone: N Distance from	me: 2030		nm	true
Basic Conditions		Light Condition	on					
O VMC O IMC O Unknown		ODawn ODay	ODusk ONight	ODark OBrig	Night OUn ht Night	known		
Sky/Lowest Cloud Conditio		Ceiling			Temperature:	04	(C) or	(F)
O Few	O Thin Broken O Thin Overcast O Unknown	O None (Clear) O Broken O Overcast	0	Obscured Indefinite Unknown	Dew Point:			
Lowest Cloud Condition Ho	e ight ft agl	Ceiling Height		ft agl		or	MB	
Wind Direction	Wind Speed		Wind Gusts		Visibility	40		
☐ Variable	□ Calm		✓ Not Gustin			10		
variable	Light and Varia	ible	M Not Gustill	ıg	RVR	·	feet	
-or-	-or-		-or-		RVV		miles	
Direction: 240 degrees true	Speed: 7	kts	Speed:	kts	Density Altitud	de: <u>4583</u>		_ft
Intensity of Precipitation O Light O Moderate O Heavy O N/A O Unknown	Type of Precipit	ation (Check all the Drizzle	☐ Freezing ☐ Snow S ☐ Ice Pelle	hower ets Shower	Restriction to None None Blowing Du Blowing Sa	ist Gray Gray Gray Gray Gray Gray Gray Gray		
Icing Forecast Amount None None Chipht Mixed O Severe O Unknown Type O N/A O Rime O Clear O Mixed O Unknown	vn	Icing Actual Amount None Trace Light Moderate Severe Unknown	Type O N/A O Rime O Clear O Mixe O Unkn	d	Turbulence Type (Check as □ None □ Clear Air □ Terrain-Indu □ Convective	ıced		verity Light Moderate Severe Extreme
NOTAMs (D and FDC), A	AIRMETs, SIGN	IETs, PIREPs	in effect at	the time of tl	ne accident/incid	dent:		
NOTAMS: !SHR 02/138 SH AGL) U/S 2202232350-220	HR OBST TOWER 05240500 & !BYG	R LGT (ASR 100 10/003 BYG R	01165) 4455 WY END ID	16.20N10713 LGT U/S 2110	49.20W (14.0NM 0041835-220404	NW SHR) 2111EST	4485.2F	T (387.1FT
- After a thorough search, v	ve were unable to	find additional	data regardii	ng AIRMETs,	SIGMETs, and F	PIREPs.		

DAMAGE TO AIRCRAFT AND OTHER PROPERTY								
Aircraft Dai	nage	Aircraft Fire		Aircraft Explosio	on			
O None O Minor	SubstantialDestroyedUnknown	NoneIn-FlightOn-Ground	O Both Ground and In-Flight O Fire at Unknown Time O Unknown	NoneIn-FlightOn-Ground	O Both Ground and In-Flight O Explosion at Unknown Time O Unknown			

Description of Damage to Aircraft and Other Property (Use additional sheet if necessary)

Initial damage assessment: Nose wheel strut broken off to the right side of the aircraft. Left wing leading edge impact with ground causing wing spar to bend and fabric to wrinkle. Rear passenger door unable to be closed from suspected frame damage. Left forward cabin window broken from impact with pilot's shoulder. Propeller curled and damaged from impact with ground.

NARRATIVE HISTORY OF FLIGHT (Please type or print in ink)

Describe what occurred in chronological order, including circumstances leading to and nature of accident/incident. Describe terrain and include wreckage distribution sketch if pertinent. Attach extra sheets if needed. State departure time and and location, services obtained, and intended destination. Provide as much detail as possible.

From Joshua Granger: The evening of February 27, 2022, I landed my 1955 Tri-Pacer in Buffalo, WY at approximately 2030 MST. On landing I came in with 10° of flaps so my round out to flare transition wouldn't be too sharp to compensate for new night depth perception as I had just gotten signed off for solo night flights. My descent was at 80 MPH and went smooth without needing crosswind correction. I flared and touched down fine at approximately 70 MPH. Once on the ground, after coming off the power completely, I got what felt like a push of wind from the west (my right as I landed runway 13), that lifted my right wing. This immediately put me on two wheel tipped up and to the left. I was going just slow enough that my wings still had lift very little ineffective aileron authority that failed to bring my right wing down with immediate correction. rudder without power was ineffective for bringing the right wing down while keeping straight on the runway. I wen full power to try getting back in the air and did for just a moment coming back towards center. As the plane lifted, the right wing didn't have aileron authority to come down level. If felt like a cross wind on my vertical stabilizer also pushed my tail to the left, causing me to stall and lose the slight lift I had. At that point, when the plane settled back down, it felt unstable with the right wing still high and the left landing landing gear cross loaded. I couldn't align the plane using the rudder because without enough aileron authority brining my right wind down, the left rudder compounded the right wing lift. The plane swung off the runway to the right (west side), putting me up against the left side window, breaking the window, causing me to completely lose control of the throttle in the process. I left the runway in a left hand cross loaded skid. A hump on the side of the runway tipped me around the rest of the way to the right, digging my left wing into the ground and tipping the nose gear into the ground, breaking off the landing gear causing a prop strike. I immediately shut everything off and exited the plane. I contacted Brent Miller, my instructor, immediately, and waited for authorities to arrive.

From Brent Miller (CFI): I am writing in reference to an aircraft accident involving N1799P, a 1955 Piper PA-22-150 Tri-Pacer. On the evening of February 27, 2022, myself, and my student (Joshua Granger) made an appointment to conduct a night training flight at 1800 MST. The intent of this flight was to assess Mr. Granger's abilities to operate his aircraft safely and to conduct training in accordance with 14 CFR 61.87(o). The flight departed KSHR at approximately 1830 MST en route to KBYG (the aircraft's home base). During the cruise phase of the flight, training was provided to the student to include navigation training between KSHR & KBYG as well as takeoff, landing, approach, and go-around procedures at both airports. Mr. Granger had been endorsed for multiple cross-country flights within 50 miles for the KSHR and KBYG airports. After completing three stop-and-go landings in KBYG, I instructed Mr. Granger to return the aircraft to KSHR, again, assessing his abilities to safely navigate the aircraft between the two airports. Upon arrival to KSHR, we completed one stop-and-go landing, and one full stop landing. The aircraft was then parked on the ramp around 1945 MST so that Mr. Granger and I could debrief the flight. Mr. Granger was subsequently endorsed for solo flights at night in accordance with 14 CFR 61.87(o).

After the endorsement was completed, Mr. granger departed KSHR en route to KBYG to hangar the aircraft. He departed around 2000 MST. At approximately 2030 MST, I received a call from Mr. Granger informing me that there had been an incident with the aircraft. At the time, I was told the aircraft had experienced a runway excursion from runway 13 at KBYG to the west side of the field during the landing phase of flight. Initial damage reports indicated that the nose wheel strut had collapsed, a prop strike had occurred, and the left wing had impacted the ground to the west side of the runway. Mr. Granger indicated to me that he was not injured after the accident, and the aircraft was secured.

Initially, I called the Johnson County Sheriff's Office to report the incident. Two deputies were sent to the scene for assessment. Case # 22S0104 was assigned to the incident. After notifying the Sheriff's Office, I then notified the NTSB Response Operations Center at approximately 2100 MST. Finally I drove from Sheridan to Buffalo to help Mr. Granger with the accident reporting process.

RECOMMENDATION (How	could this	accident/incident ha	ve been prev	vented?)			
Operator/Owner Safety Recomm	endation						
During the initial period in which the runway.	ch the wing	began to rise, a me	ore prompt a	aileron co	orrection could	have help to main	tain directional control on
tile runway.							
MECHANICAL MALFUN	ENDORSE DE DESENTATION DE L'AUTONNE		e space is ne	eeded, co	ntinue on sepa	rate sheet)	
Was there Mechanical Malfund (If yes, list the name of the part, many			ecribe the failu	re.)			Total Time/Cycles On Part
							Hours
							Cycles
							Time Since This Part Inspected/Overhauled
							Hours
							(700,717)
FUEL & SERVICES INF	ORMATI	ON					
Fuel on Board at Last Takeoff (Convert from pounds, as necessary)		Fuel Type	O 115/145		O 1 3 D	201	
	Gallons	○ 80/87 ② 100 Low Lead ○ 100/130	O 115/145 O Jet A O Jet A-1		O Jet B O JP8 O Automotive	O Other, specify	
Other Services, if Any, Prior to	Departure	The state of the s					
N/A							
EVACUATION OF AIRC	RAFT						
Was an emergency evacuation		A STORY OF THE STO	10 - 17 X338390328 X	□ No			
Method of Exit – Describe how			107	evacuate	d each location		
Single occupancy exit out the	right hand	forward cabin door					
OTHER AIRCRAFT - CO	OLLISIO	(If air or ground o	collision occ	urred, coi	mplete this sec	tion for other aircra	ft)
Aircraft Registration Number		irer:				Dan	nage to Other Aircraft
	Model:						Destroyed
Registered Owner of Other Air				Pilot of	Other Aircraft		
Name:							
State: ZIP:				State:		ZIP:	

ADDITIONAL INFO	RMATIC	ON (Please type or print in ink)		
		is needed for any answers.		
				e
T			TE AND ACCURATE TO THE BEST OF M	MY KNOWLEDGE
		Pilot/Operator: Joshua M. Granger		
03/05/2022 mm/dd/yyyy	1	Charle have to electronically size this d		
204-0.000	or/	Check here to electronically sign this d	ocument	
	150	erator is Filing Report		
Name: Brent A.	viller 4		Title: Certified Flight	Instructor
Signature:	- ()	alesterically sign this decompant		
or	eck here to	electronically sign this document		
NECDA		FOR NTSB U		
NTSB Accident/Incide WPR22LA113	ent No.	Reviewed by NTSB Regional Office WPR	Name of Investigator Zoë Keliher	Date Report Received 03/06/22