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

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

Accident/Incident Location Nearest City/Place: Las Crucls State: NM ZIP: 88007 Country: USA Latitude: N/3217.3650 Longitude: W 106 55.3183 Accident/Incident Date/Time Date: 03/02/2022 Local Time: 1430 mm/dd/yyyy Time Zone: MST Time Zone:									
	_								
	-								
(Enter in decimal degrees or degrees:minutes:seconds) Collision with Other Aircraft: O Midair Oon-ground	None								
AIRCRAFT INFORMATION									
Registration Number: N552XL									
Manufacturer: Liberty Rerospace Commercial Space Flight Unmanned Aircraft Model: XLD Maximum Gross Weight: 1653 lbs									
Model: XLA Maximum Gross Weight: 1653 lbs									
Serial Number: 0042 Weight at Time of Accident/Incident: 1634 lb	s								
Year of Manufacture: 2006 Number of Seats: 2 Flight Crew Seats: 1									
Amateur-Built: OYes If Yes: OKit/Plans Make: Cabin Crew Seats: Passenger Seats:									
Original Design Number of Engines:/									
Category of Aircraft Type of Airworthiness Certificate Landing Gear Engine Type (Select one)									
OBlimp/Dirigible I Normal Restricted									
OGlider Aerobatic Limited OTurbo Jet ONone									
O Gyroplane ☐ Balloon ☐ Provisional ☐ Amphibian ☐ High Skid ☐ Turbo Fan ☐ Unknown ☐ Commuter ☐ Special Flight ☐ Emergency Float ☐ Skid ☐ Electric ☐ Commuter ☐ Special Flight ☐ Emergency Float ☐ Skid ☐ Electric ☐ Commuter ☐ Special Flight ☐ Emergency Float ☐ Skid ☐ Electric ☐ Commuter ☐ Special Flight ☐ Emergency Float ☐ Skid ☐ Electric ☐ Emergency Float ☐ Emergency Float ☐ Electric ☐ Emergency Float ☐ Em									
OPowered Lift Transport Experimental Float Ski									
ORocket Utility Special Light-Sport Hull Ski/Wheel Fuel System Type (Reciprocating)									
OUnknown OCarburetor OFuel-Injec	unch/Recovery System OCarburetor OFuel-Injected								
LiCertificate of Authorization or Waiver (COA)	Unknown								
Date Rated Power Total Time Sinc	e:								
Engine Engine Manufacturer Model/Series Manufacturer's Serial Number Model/Series Of Mfg. Whorsepower or Time Inspection Over the Model/Series Of Mfg. Mfg. Mfg. Mfg. Mfg. Mfg. Mfg. Mfg									
Eng. 1 Continental IO-240-B32 1040299 63/31/221 125 12.3 12.3	urs)								
Eng. 2									
Eng. 3									
Eng. 4									
Last Inspection Type Propeller 1									
Ol00-Hour OContinuous Airworthiness OGround Adjustable OGround Adjustable	- 1								
OAAIP OConditional Inspection Manufacturer: MT Propeller Manufacturer:									
Date Last Inspection: 02/28/2022 Model: MT 175 R 127-2Ca Model: Mod									
mm/adi/yyyy	ly)								
Airframe Total Time: 384.9 hrs If Yes: AIRFRAME Total Time: 384.9 hrs If Yes: AIRFRAME Total Time: Airframe Parachute									
hours measured at (Select one) Angle of Attack Indicator									
TSO No.: ©C91 (121.5 MHz) OC91a (121.5 MHz)									
Type of Maintenance Program (Select one) OC126 (406 MHz) Delat Recolled Device									
O Annual O Conditional (Amateur-built only) Was ELT still mounted in aircraft?									
O Manufacturer's Inspection Program Was ELT still connected to antenna? Yes ONo									
O Other Approved Inspection Program (AAIP)									
Other specific									
Description of Fire Extinguishing System If not activated: Distablishment Distablishm									
O None Indicate Reason: Impact Damage Indicate Reason:									
O Specify: Description: Desc									
Battery Expired/Damaged Garmin 5 30 GFS Unknown Garmin 4 30 GFS									

OWNER/OPERATOR INFORMATION							
Registered Aircraft Owner		City:					
Name: John R Ga	umer Jr	State: <u>CA</u> ZIP: 92252					
Fractional Ownership Aircraft: O Yes		Country: USA					
Operator of Aircraft Same As Re	gistered Owner	Same Address as Registered Owner					
Name: Doing Business As:		City:					
Air Carrier/Operator Designator (4 Charact							
All Carron Operator Designator (7 Charact	:1 Coue).	Country:					
Operating Certificates Held (Check all that apply)	Regulation Flight Conducted Und	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 4 OFAR 103 OFAR 133 OFAR 4 OFAR 121 OFAR 135 OFAR 4 OFAR 125 OFAR 137 OFAR 4 OFAR 91 Special Flight	431 O Non-Scheduled or Air Taxi O International					
Commuter Air Carrier (FAR 135)	ONon-US, Commercial	O Mail Contract Only					
□On-Demand Air Taxi (FAR 135) □Commercial Air Tour (FAR 136) □Agricultural Aircraft (FAR 137) □Pilot School (FAR 141)	O Non-US, Non-commercial OPublic Aircraft (Select one) O Armed Forces	Purpose of Flight for FAR 91, 103, 133, 137 (Select one)					
□ Certificate of Authorization or Waiver (COA) □ Commercial Space Transportation Experimental Permit □ Commercial Space Transportation License □ Other Operator of Large Aircraft	O Federal O State O Local O Unknown	O Aerial Application O Aerial Observation O Air Drop O Air Race/Show O Business O Executive/Corporate O Aerial Application 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					
O Yes	O Yes O No	3					
AIRPORT INFORMATION (Fill in	if accident/incident occurred on ann	proach, landing, takeoff, departure, or within 3 miles of an airport)					
Airport Name: Las Cruces I							
Airport Identifier: KLRU	1100 11011011011011011011011	Direction From Airport:					
Proximity to Airport: Off Airport/Airstri	p OOn Airport/Airstrip ON/A	Airport Elevation: 4457 ft. msl					
Runway Information		Condition of Runway/Landing Surface (Check all that apply)					
Runway ID:	<i>upply)</i> idam □ Water I/Wood	☑ Dry ☐ Snow-Compacted ☐ Water-Calm ☐ Holes ☐ Snow-Crusted ☐ Water-Choppy ☐ Ice Covered ☐ Snow-Dry ☐ Water-Glassy ☐ Rough ☐ Snow-Wet ☐ Wet ☐ Rubber Deposits ☐ Soft ☐ Unknown					
Approach/Departure Segment (Select one)	,						
OTaxi OVFR Departure		proach ODownwind OLow Approach					
Takeoff OIFR Departure Proc OInitial Climb	OOn Instrument App OLanding	OBase OGo Around OFinal OAborted Landing (after touchdown) OCrosswind OUnknown					
		OBase OGo Around OFinal OAborted Landing (after touchdown)					
OInitial Climb		OBase OGo Around OFinal OAborted Landing (after touchdown) OCrosswind OUnknown					
OInitial Climb IFR Approach (Check all that apply)		OBase OGo Around OFinal OAborted Landing (after touchdown) OCrosswind OUnknown VFR Approach (Check all that apply)					

"FLIGHT CREWMEN	MBER 1" INFO	RMATIC	N							
"Flight Crewmember 1" Responsibilities at the Time of Accident/Incident Pilot O Co-Pilot O Student Pilot O Flight Instructor O Check Pilot O Flight Engineer O Other Flight Crew										
● Pilot O Co-Pilot O Student Pilot O Flight Instructor O Check Pilot O Flight Engineer O Other Flight Crew "Flight Crewmember 1" was pilot flying MYes □ No										
"Flight Crewmember 1" Id	lentification									
First Name: Joh	ln .	F			City of Re	sidence:	J	ashua	Tree	
Middle Initial:					State:	CA		7IP. 91	Tree	
Last Name: <u>Ga</u>	umer :	Jr			Country:		USA	JII / g	300	
	f Accident/Incident				country.		ım/dd/yyyy	***		
			rtificate Num	ıber:						
Degree of Injury	Seat Occupie	d		Res	straint Ty	pe			Inflatable I	Restraints
Pilot Certificate(s) (Check of	ill that apply)				O Lap or 3-poin		OLap onl 3-point	,	☐ Installe	
	Instructor Co	ommercial rline Transpo ight Engineer			O 4-poin O 5-poin O Unkno	ıt	O 4-point O 5-point O Unknow	vn	☐ Deploy ☐ Unknow	
Principal Occupation	Medical Certificat	te	-	Me	dical Cer	tificate Va	lidity		Date of Las	t Medical
O Pilot O Other O Unknown Medical Certificate Limita	O Class 1 O D Class 2 O U	Class 3 Driver's Licen Jnknown	se (Sport Pilot	only)		uitations/wai tions/waiver ance		nknown /A	04/12/ mm/dd/yy	9021 9021
Must hav		ruste	grasse							
Date of Last Flight Review		Flight	Review Airc	raft						
or Equivalent, Including	, ,	Make:		berty	Ann	00000				
FAR 121/135 Checks: _	08/29/202	Model:	1 4 4	-2	1100	Spice				
Airplane Rating(s)	Other Aircraft l			ent Rating(s	, 1	Instructo	r Rating(s)			
(Check all that apply)	(Check all that app		1	that apply)	"	(Check all				
☐ None ☐ Single-Engine Land ☐ Single-Engine Sea ☐ Multiengine Land ☐ Multiengine Sea	□ None □ Airship □ Balloon ☑ Glider ☑ Gyroplane ☑ Helicopter □ Powered Lift		☐ None ☐ Airplam ☐ Helico ☐ Powers	pter				ne [Instrument	
Type Ratings						Student E	Endorsemer	its (Include	dates)	
Flight Time (Enter appropriat number of hours in each box)	Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Inst. Actual	rument Simulated	Rotorcraft	Glider	Lighter Than Air
Total Time			2158.3	27.3	97.5	88.3	130.2	88.1	4.4	
Pilot in Command (PIC)	2087,33	371,8	1975,6	21.8	75.6	68.7		65.3	2.8	
Time as Instructor This Make/Model			701.0			-				The sales was and
Last 90 Days	114	11.4	11 11							21
Last 30 Days	11.4	11.4	11.4		+					
Last 24 Hours	//	111-1	1117		1					

"FLIGHT CREWME	MBER 2" INFOR	MATIO	N N/A						
"Flight Crewmember 2" Responsibilities at the Time of Accident/Incident									
OPilot OCo-Pilot OStudent Pilot OFlight Instructor OCheck Pilot OFlight Engineer OOther Flight Crew									
"Flight Crewmember 2" v	vas pilot flying Y	es $\square N$	lo						
"Flight Crewmember 2" I	dentification								
First Name:		t		City of R	Residence:				
Middle Initial:									
Last Name:									
Age at time o	f Aggidant/Ingidant		D-4 CD: 41	Country:	-	(11)	***************************************		
Age at time o	f Accident/Incident:				mi	m/dd/yyyy			
Degree of Injury	Seat Occupied	Certi	ficate Number:	T					
O None O Fatal	OUnknown	Restraint '	Туре			Inflatable	Restraints		
O Minor O Unknown O Right O Rear O Serious O None O None I Not Installed							stalled		
Pilot Certificate(s) (Check	all that apply)			O Lap O 3-p		O Lap on O 3-point		☐ Installe	
These contracts the same of th	t Instructor	nercial	☐ US Military	0 4-p		O 4-point		□ Not Deploy	
☐ Private ☐ Recre	eational	e Transport		O 5-p		O 5-point		Unkno	
☐ Student ☐ Sport	☐ Fligh	Engineer		O Uni	cnown	O Unkno	wn		
Principal Occupation	Medical Certificate			Medical C	ertificate Va	lidit		Data of I -	st Medical
O Pilot	O None O Clas	ss 3			limitations/wai	•	Jnknown	Date of La	st Medicai
O Other	O Class 1 O Driv		e (Sport Pilot only)	O With limi	itations/waiver			V	
O Unknown Medical Certificate Limita	O Class 2 O Unk	nown		O Special Is	ssuance			mm/dd/y	יצצצ
Medical Certificate Specia	l Issuance		· · · · · · · · · · · · · · · · · · ·				30 to 10 to		
Date of Last Flight Review		Flight R	leview Aircraft				······································		
or Equivalent, Including FAR 121/135 Checks:		Make:							
	mm/dd/yyyy	Model:							
Airplane Rating(s)	Other Aircraft Ra	1	Instrument Ra	ting(s)	Instructor	Dotings			
(Check all that apply)	(Check all that apply)	g(u)	(Check all that ap		(Check all ti				
None	None		None	//	☐ None			Instrument A	Airplane
☐ Single-Engine Land☐ Single-Engine Sea	☐ Airship ☐ Balloon		☐ Airplane ☐ Helicopter		☐ Airplane	Single-Engir	ne 🔲	Instrument F	Helicopter
☐ Multiengine Land	Glider		Powered Lift	☐ Airplane Multi-Engine ☐ Helicopter					
☐ Multiengine Sea	Gyroplane				D Powered			Sport	
	☐ Helicopter ☐ Powered Lift								
Type Ratings					Student E	ndorsemen	ts (Include a	lates)	
					Student El	adoi schich	es (metaue a	uies)	
			Aimles						
Flight Time (Enter appropria	7111 11113	Make		lane	Inst	rument			Lighter
number of hours in each box)	Aircraft & I	Model	Engine Multi-	engine Nigh	t Actual	Simulated	Rotorcraft	Glider	Than Air
Fotal Time									
Pilot in Command (PIC) Time as Instructor									
This Make/Model									
Last 90 Days					-	-		T W	
Last 30 Days									
Last 24 Hours									
		- 1	(- 1	1		ı	1	1 1

ADDITIONALILI	GHI CKEVVIVIE	MREK2	(Exclusiv	<u>re of cabin cr</u>	ew, complete	e the following	g information)	NIA	
Crew Name and Add	ress						Seat Occupie	ed	Injury
First Name:		City	of Reside	ence:			O Left	OFront	O None
Middle Initial:		Stat	e:		ZIP:		O Center O Right	O Rear O Single	O Minor O Serious
Last Name:		Cou	intry:				ORight	OUnknown	O Serious O Fatal
	,								O Unknown
Pilot Certificate(s) (C	Check all that apply)			, , , , , , , , , , , , , , , , , , , ,			Restraint Ty	pe:	Inflatable
None	☐ Flight Instructo	r 🗆 Cor	mmercial	□us	Military		Available O None	Used O None	Restraints
☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign							O Lap Only	O Lap Only	☐ Not Installed
☐ Student ☐ Sport ☐ Flight Engineer							O3-point	O 3-point	☐ Installed☐ Not Deployed
Type Rating/Endorse	emient for		Total F	light Time a	t the Time		O4-point O5-point	O 4-point O 5-point	☐ Not Deployed ☐ Deployed
Accident/Incident Ai		s 🗖 No	1	_		Lun	OUnknown		☐ Unknown
Titeliacity Including Al	iciait.	LINO	OI THIS	Accident/Inc	iuciii.	hrs			
Crew Name and Add	ress						Seat Occupie	ed.	Injury
First Name:		City	of Reside	nce:			OLeft	OFront	O None
Middle Initial:							OCenter	ORear OSingle	OMinor
Last Name:							ORight	OUnknown	O Serious O Fatal
			, <u> </u>						O Unknown
Pilot Certificate(s) (C	Check all that apply)						Restraint Ty	pe:	Inflatable
☐ None	☐ Flight Instructor	r 🗖 Cor	mmercial	□US	Military		Available	Used O None	Restraints
☐ Private	☐ Recreational	☐ Airi	line Trans		reign		O None O Lap Only	☐ Not Installed	
☐ Student	☐ Sport	☐ Flig	ght Engine	er			O3-point	Installed	
Type Rating/Endorse	ement for		Total F	light Time a	t the Time		O 4-point O 5-point	O 4-point O 5-point	☐ Not Deployed ☐ Deployed
Accident/Incident Air	rcraft?	□No				hrs	OUnknown OUnknown		Unknown
Accident/Incident Aircraft?						t if necessary) N/A			
PASSENGER(S) /	OTHER PERS	ONNEL (Include d	cabin crew; c	ontinue on s	eparate shee	t if necessary)	N/A	
	OTHER PERS	ONNEL (Include d					Inflatable	
PASSENGER(S) / Name and Address	OTHER PERS	ONNEL (Include d	Seat	ontinue on s	Restraint T	Ууре		Age
		u kananan angaga j		Seat	Injury	Restraint T	'ype Used	Inflatable Restraints	
Name and Address	City :			Seat OLeft	Injury	Restraint T	Vype Used O None	Inflatable Restraints Not Installed	Age Under 5 years
Name and Address First Name: Middle Initial:	City : State:	ZIP:		Seat OLeft OCenter ORight	O None O Minor O Serious	Restraint T Available ONone OLap Only O3-point	Used O None Lap Only O 3-point	Inflatable Restraints Not Installed Installed Not Deployed	☐ Under 5 years If Under 5,
Name and Address First Name: Middle Initial: Last Name:	City : State: Country:	ZIP:		Seat OLeft OCenter ORight OUnknown	O None O Minor O Serious O Fatal	Restraint T Available ONone OLap Only O3-point O4-point	Used O None O Lap Only O 3-point O 4-point	Inflatable Restraints Not Installed Installed Not Deployed Deployed	☐ Under 5 years If Under 5, O Child Restraint
Name and Address First Name: Middle Initial:	City : State:	ZIP:		Seat OLeft OCenter ORight	O None O Minor O Serious	Restraint T Available ONone OLap Only O3-point	Used O None O Lap Only O 3-point O 4-point O 5-point	Inflatable Restraints Not Installed Installed Not Deployed	☐ Under 5 years If Under 5,
Name and Address First Name: Middle Initial: Last Name: OCrew	City: State: Country: OPassenger	ZIP:		Seat OLeft OCenter ORight OUnknown	O None O Minor O Serious O Fatal	Restraint T Available ONone OLap Only O3-point O4-point O5-point	Used O None O Lap Only O 3-point O 4-point O 5-point	Inflatable Restraints Not Installed Installed Not Deployed Deployed	Under 5 years If Under 5, O Child Restraint O Lap-Held
Name and Address First Name: Middle Initial: Last Name: OCrew First Name:	City : State: Country: OPassenger	ZIP:		Seat OLeft OCenter ORight OUnknown Row:	ONone OMinor OSerious OFatal OUnknown	Restraint T Available ONone OLap Only O3-point O4-point O5-point OUnknown Available ONone	Used O None O Lap Only O 3-point O 4-point O 5-point O Unknown Used O None	Inflatable Restraints Not Installed Installed Not Deployed Deployed Unknown	Under 5 years If Under 5, O Child Restraint O Lap-Held
Name and Address First Name: Middle Initial: Last Name: OCrew First Name: Middle Initial:	City: State: Country: OPassenger City: State:	ZIP:	iher	Seat OLeft OCenter ORight OUnknown Row: OLeft OCenter	ONone OMinor OSerious OFatal OUnknown ONone OMinor	Restraint T Available ONone OLap Only O3-point O4-point O5-point OUnknown Available	Used O None O Lap Only O 3-point O 4-point O 5-point O Unknown Used O None O Lap Only	Inflatable Restraints Not Installed Installed Not Deployed Deployed Unknown Not Installed	Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown
Name and Address First Name: Middle Initial: Last Name: OCrew First Name:	City: State: Country: OPassenger City: State:	ZIP:	iher	Seat OLeft OCenter ORight OUnknown Row:	ONone OMinor OSerious OFatal OUnknown ONone OMinor OSerious OFatal	Restraint T Available ONone OLap Only O3-point O4-point O5-point OUnknown Available ONone OLap Only O3-point O4-point O4-point	Used 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	Inflatable Restraints Not Installed Installed Deployed Unknown Not Installed Installed Installed Deployed Deployed	Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown Under 5 years If Under 5,
Name and Address First Name: Middle Initial: Last Name: OCrew First Name: Middle Initial:	City: State: Country: OPassenger City: State:	ZIP:	iher	Seat OLeft OCenter ORight OUnknown Row:	ONone OMinor OSerious OFatal OUnknown ONone OMinor OSerious	Restraint T Available ONone OLap Only O3-point O4-point O5-point OUnknown Available ONone OLap Only O3-point	Used 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	Inflatable Restraints Not Installed Installed Not Deployed Deployed Unknown Not Installed Installed Not Deployed	Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown Under 5 years If Under 5, O Child Restraint O Lap-Held
Name and Address First Name: Middle Initial: Last Name: OCrew First Name: Middle Initial: Last Name: OCrew	City: State: Country: OPassenger City: State: Country: OPassenger	ZIP:	ther	Seat OLeft OCenter ORight OUnknown Row: OLeft OCenter ORight OUnknown Row:	ONone OMinor OSerious OFatal OUnknown ONone OMinor OSerious OFatal OUnknown	Restraint T Available ONone OLap Only O3-point O4-point O5-point OUnknown Available ONone OLap Only O3-point O4-point O4-point O5-point OUnknown Available	Used 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 Used Used Used Used Used Used Used Used	Inflatable Restraints Not Installed Installed Deployed Unknown Not Installed Installed Installed Deployed Deployed	Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown Under 5 years If Under 5, O Child Restraint
Name and Address First Name: Middle Initial: Last Name: OCrew First Name: Middle Initial: Last Name: OCrew First Name:	City: State: Country: OPassenger City: State: Country: OPassenger City:	ZIP:	iher	Seat OLeft OCenter ORight OUnknown Row: OLeft OCenter ORight OUnknown Row:	ONone OMinor OSerious OFatal OUnknown ONone OMinor OSerious OFatal OUnknown	Restraint T Available ONone OLap Only O3-point O4-point O5-point OUnknown Available ONone OLap Only O3-point O4-point O4-point O5-point O4-point O5-point OUnknown Available ONone	Used 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 Used O None O Lap Only O 3-point O 4-point O 5-point O Unknown Used O None	Inflatable Restraints Not Installed Installed Not Deployed Unknown Not Installed Installed Installed Unknown Not Deployed Unknown Not Installed Not Deployed Unknown	Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown Under 5 years If Under 5, O Child Restraint O Lap-Held
Name and Address First Name: Middle Initial: Last Name: OCrew First Name: Middle Initial: Last Name: OCrew First Name: Middle Initial: Last Name: Middle Initial:	City: Cate: Country: Passenger City: State: Country: OPassenger City: State: Cate: State: Cate: State:	ZIP:	her	Seat OLeft OCenter ORight OUnknown Row: OLeft OCenter ORight OUnknown Row: OLeft OUnknown	ONone OMinor OSerious OFatal OUnknown ONone OMinor OSerious OFatal OUnknown	Restraint T Available ONone OLap Only O3-point O4-point O5-point OUnknown Available ONone OLap Only O3-point O4-point O4-point O5-point OUnknown Available ONone OLap Only O3-point OUnknown	Used O None O Lap Only O 3-point O 4-point O Unknown Used O None O Lap Only O 3-point O 4-point O 4-point O 4-point O Unknown Used O None O Lap Only O 3-point O Unknown Used O None O Lap Only O 3-point	Inflatable Restraints Not Installed Installed Not Deployed Unknown Not Installed Installed Not Deployed Unknown Not Installed Installed Not Deployed Unknown	Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown
Name and Address First Name: Middle Initial: Last Name: OCrew First Name: Middle Initial: Last Name: OCrew First Name:	City: Cate: Country: Passenger City: State: Country: OPassenger City: State: Cate: State: Cate: State:	ZIP:	her	Seat OLeft OCenter ORight OUnknown Row: OLeft OCenter ORight OUnknown Row:	ONone OMinor OSerious OFatal OUnknown ONone OMinor OSerious OFatal OUnknown OSerious OFatal OUnknown	Restraint T Available ONone OLap Only O3-point O4-point O5-point OUnknown Available ONone OLap Only O3-point O4-point O4-point O4-point OUnknown Available ONone OLap Only O3-point O4-point O4-point O4-point O4-point	Used 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 Used O None O Lap Only O 3-point O 4-point O 4-point O 4-point O 5-point O 4-point O 4-point	Inflatable Restraints Not Installed Installed Not Deployed Unknown Not Installed Installed Installed Not Deployed Unknown Not Installed Deployed Deployed Deployed	Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown Under 5 years If Under 5 years
Name and Address First Name: Middle Initial: Last Name: OCrew First Name: Middle Initial: Last Name: OCrew First Name: Middle Initial: Last Name: Middle Initial:	City: Cate: Country: Passenger City: State: Country: OPassenger City: State: Cate: State: Cate: State:	ZIP:	her	Seat OLeft OCenter ORight OUnknown Row: OLeft OCenter ORight OUnknown Row: OLeft OCenter ORight OUnknown	ONone OMinor OSerious OFatal OUnknown ONone OMinor OSerious OFatal OUnknown ONone OMinor OSerious OFatal OUnknown	Restraint T Available ONone OLap Only O3-point O4-point O5-point OUnknown Available ONone OLap Only O3-point O4-point O4-point O5-point OUnknown Available ONone OLap Only O3-point OUnknown	Used O None O Lap Only O 3-point O 4-point O 5-point O Wone O Lap Only O 3-point O 4-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 Used O None O Lap Only O 3-point O 4-point O 5-point O 5-point	Inflatable Restraints Not Installed Installed Deployed Unknown Not Installed Installed Unstalled Unstalled Installed Not Deployed Unknown	Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown Under 5 years If Under 5, O Child Restraint O Lap-Held O Lap-Held
Name and Address First Name: Middle Initial: Last Name: OCrew First Name: Middle Initial: Last Name: OCrew First Name: OCrew Crew Crew Crew Crew Crew	City: State: Country: OPassenger City: State: Country: OPassenger City: State: Country: OPassenger City: State: Country:	ZIP:Oot	her	Seat OLeft OCenter ORight OUnknown Row: OLeft OCenter ORight OUnknown Row: OLeft OUnknown Row:	ONone OMinor OSerious OFatal OUnknown ONone OMinor OSerious OFatal OUnknown OSerious OFatal OUnknown	Restraint T Available ONone OLap Only O3-point O4-point O5-point OUnknown Available ONone OLap Only O3-point O4-point O4-point O5-point OUnknown Available ONone OLap Only O3-point O4-point O5-point OUnknown Available ONone OLap Only O3-point O4-point	Used O None O Lap Only O 3-point O 4-point O Unknown Used O None O Lap Only O 3-point O 4-point O 4-point O Unknown Used O None O Lap Only O 3-point O 4-point O Unknown Used O None O Lap Only O 3-point O 4-point O 5-point O Unknown Used	Inflatable Restraints Not Installed Installed Not Deployed Unknown Not Installed Installed Installed Not Deployed Unknown Not Installed Deployed Deployed Deployed	Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown Under 5 years If Under 5 years
Name and Address First Name: Middle Initial: Last Name: OCrew First Name: Middle Initial: Last Name: OCrew First Name: OCrew First Name: Middle Initial: Last Name: Middle Initial: Last Name:	City: State: Country: OPassenger City: State: Country: OPassenger City: State: Country: OPassenger City: State: Country: City: State: Country: City: State: Country:	ZIP:OOt	her	Seat OLeft OCenter ORight OUnknown Row: OLeft OCenter ORight OUnknown Row: OLeft OCenter ORight OUnknown Row:	ONone OMinor OSerious OFatal OUnknown ONone OMinor OSerious OFatal OUnknown ONone OMinor OSerious OFatal OUnknown ONone OMinor ONone OMinor OSerious OFatal OUnknown	Restraint T Available ONone OLap Only O3-point O4-point O5-point OUnknown Available ONone OLap Only O3-point O4-point O4-point O5-point OUnknown Available ONone OLap Only O3-point O4-point O4-point O4-point O4-point O4-point O4-point O4-point O4-point O5-point O4-point O4-point O5-point O4-point O5-point ONone Navailable ONone	Used 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 Used 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 Used O None Used O None	Inflatable Restraints Not Installed Installed Not Deployed Unknown Not Installed Installed Installed Not Deployed Unknown Not Installed Installed Installed Unknown Not Installed	Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown Under 5 years If Under 5, O Child Restraint O Lap-Held O Lap-Held
Name and Address First Name: Middle Initial: Last Name: Middle Initial: Last Name: OCrew First Name: Middle Initial: Last Name: OCrew First Name: Middle Initial: Last Name: Middle Initial: Last Name: Middle Initial: Last Name: Middle Initial:	City: State: Country: OPassenger City: State: Country: OPassenger City: State: Country: OPassenger City: State: Country: State: State: State: State: State: State: State: State:	ZIP:Oot	ther	Seat OLeft OCenter ORight OUnknown Row: OLeft OCenter ORight OUnknown Row: OLeft OUnknown Row:	ONone OMinor OSerious OFatal OUnknown	Restraint T Available ONone OLap Only O3-point O4-point O5-point OUnknown Available ONone OLap Only O3-point O4-point O5-point OUnknown Available ONone OLap Only O3-point O4-point O4-point O5-point	Used O None O Lap Only O 3-point O 4-point O Unknown Used O None O Lap Only O 3-point O 4-point O 4-point O Unknown Used O None O Lap Only O 3-point O 4-point O Unknown Used O None O Lap Only O 3-point O 4-point O 5-point O Unknown Used	Inflatable Restraints Not Installed Installed Not Deployed Deployed Unknown Not Installed Installed Not Deployed Unknown Not Installed Installed Deployed Unknown Not Installed Installed Installed Not Deployed Unknown Not Deployed Installed Installed Installed Installed Installed Installed Installed	Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown Under 5 years Under 5, O Child Restraint O Lap-Held O Unknown
Name and Address First Name: Middle Initial: Last Name: OCrew First Name: Middle Initial: Last Name: OCrew First Name: OCrew First Name: Middle Initial: Last Name: Middle Initial: Last Name:	City: State: Country: OPassenger City: State: Country: OPassenger City: State: Country: OPassenger City: State: Country: State: State: State: State: State: State: State: State:	ZIP:Oot	ther	Seat OLeft OCenter ORight OUnknown Row: OLeft OCenter ORight OUnknown	Injury ONone OMinor OSerious OFatal OUnknown	Restraint T Available ONone OLap Only O3-point O4-point O5-point OUnknown Available ONone OLap Only O3-point O4-point O5-point OUnknown Available ONone OLap Only O3-point O4-point O5-point O4-point O4-point O5-point O4-point	Used O None O Lap Only O 3-point O 4-point O 5-point O Word 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 Used O None O Lap Only O 3-point O 4-point	Inflatable Restraints Not Installed Installed Not Deployed Unknown Not Installed Installed Installed Not Deployed Unknown Not Installed Installed Installed Unknown Not Installed	Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown Under 5 years Under 5, O Child Restraint O Lap-Held O Unknown

FLIGHT ITINERARY INFORMAT	ON						
Last Departure Point	ime of Departure	Destination	on		Type Fligl	ht Plan Filed	
Airport ID: KLRU	ime: 1430	Airport ID:	KAVQ		None	O VFR/IFR	
City: has Cruces	ime: /-//	_ City: _//	Jarana		O Compan O Military		
	ime Zone: MS 7		72		O VFR	VFR Unknown	
Country: USA		Country:	USA		Activated?	OYes ONo OUnknown	
Type of ATC Clearance/Service (Check all a	hat apply)						
None □ Special VFR □ VFR □ IFR	□ VI	ecial IFR R On Top	***	☐ VFR Flight Follo ☐ Traffic Advisory		☐ Cruise ☐ Unknown / NA	
Airspace where the accident/incident occur						Altitude of In-Flight	
☐ Class A ☐ Class G ☐ Class B ☐ Demo Area		litary Operations port Advisory A		(MOA) Special Occurrence			
☐ Class C ☐ Warning Area		Training Area	rca	Unknown	Oi Aica	ft msl	
☐ Class D ☐ Prohibited Area ☐ Class E ☐ Restricted Area	☐ TR						
			TOPE				
WEATHER INFORMATION AT T Source of Pilot Weather Information	HE ACCIDEN	I/INCIDEN					
(Check all that apply)			I	servation Facility KLRU A			
	Company			ime: 1430 n		2	
	Ailitary nternet			me: 7430 h			
Automated Report	lone		Time Zone:	////			
☐ Commercial Weather Service (DUATS) ☐ U☐ On-Board Weather	Inknown			Accident Site:	220°	nm	
Basic Conditions	Link Condit	•	Direction from	Accident Site:	120	degrees true	
• VMC	Light Condit ODawn	ODusk	ODorl	Night OUn	known		
OIMC	ODawii ODay	ONight		tht Night	Known		
OUnknown							
Sky/Lowest Cloud Condition	Ceiling			Temperature:		(C) or 72° (F)	
O Clear O Thin Broken	None (Clear		Obscured	· ·			
O Few O Thin Overcast O Partial Obscuration O Unknown	O Broken O Overcast		Indefinite Unknown	Dew Point: (C) or(F)			
O Scattered	0 0 1010	Ŭ	Chalown	Altimeter Sett			
Lowest Cloud Condition Height	Ceiling Heigh	ıt			or	MB	
ft agl			ft agl				
Wind Direction Wind Speed		Wind Gusts	***************************************	Visibility	710	miles	
☑ Variable ☐ Calm		Not Gustin	ng				
Light and V	ariable			1			
or- Direction: degrees true Speed:	1.4.	-or-			:		
		Speed:	kts	Density Altitud			
	pitation (Check all					Check all that apply)	
O Light None None Rain	☐ Drizzle☐ Ice Pellets	☐ Freezing ☐ Snow S	g Rain hower	■ None ■ Blowing Du		Fog Ground Fog	
OHeavy \square Snow	Snow Pelle			☐ Blowing San		Haze	
ØN/A □ Hail OUnknown □ Rain Shower	☐ Snow Grain	s	g Drizzle	☐ Blowing Sno	-	Ice Fog	
OUnknown	s			☐ Blowing Spi☐ Dust	-	Smoke Unknown	
Icing Forecast	Icing Actual			Turbulence			
Amount Type	Amount	Туре		Type (Check al	ll that apply)	Severity	
O None O N/A O Trace O Rime	O None O Trace	O N/A O Rime		□ None □ Clear Air		☐Light ☐Moderate	
O Light O Clear	O Light	O Clear		☐ Terrain-Indu	ced	Severe	
O Moderate O Mixed O Severe O Unknown	O Moderate	O Mixe		Convective 7	Turbulence	Extreme	
O Severe O Unknown O Unknown	O Severe O Unknown	O Unkn	iown				
NOTAMs (D and EDC) AIDMER OF		1	43 40 60	1			
NOTAMs (D and FDC), AIRMETs, SI	JVIE IS, PIKEP	s in effect at	tne time of th	ne accident/incid	ient:		

DAMAGI	TO AIRCRAFT	AND OTHER P	ROPERTY		
Aircraft Da	mage	Aircraft Fire		Aircraft Explosi	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)

The aircraft was extensively damaged as it flipped over around its lateral axis. The wings were substantially deformed, the nose landing gear was sheared off; the left main landing gear strit was bent back almost parallel to the fuselage, all cockpit winds were broken; the propeller was destroyed.

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.

On Wednesday March 2,2022 I departed Aero Country Airport, Mc Kinney, TX (T31) at 0730 Local Time (CST) VFR. Using a combination of Sectional and GPS navigation I arrived at the winkler County Airport (KINK) three hours later, landing at 10:30 Local Time (CST). After refueling with 23 gallons 10014, checking weather and reviewing my flight planning I departed VFR at 11:30 enroute to the Las Cruces International Airport (KLRU). Using a combination of Sectional and GRS Navigation I arrived at Las Cruces 21 hours later, landing at 12:35 local time (MST). After refueling with 15 gallons 100LL, checking weather and reviewing my flight Planning I taxied for departure at 14:10 Local Time (MST) enroute to the Marana Regional Airport (KAVA). Once in the run-up area I checked Asos for density altitude and the altimeter setting. The density altitude was reported to be 6750 feet MSL. I van up the engine to 1700RAM, checked left and right ignition, checked alternate air, and leaned the mixture to an EGT of 12000F (I usually climbed out at 1108F-1300F EGT for engine cooling). Everything looked normal, so I taxied onto the active runway, Runway 04, and announced my departure on the CTAFO As I added full power acceleration seemed sluggish but approximately 1/3 down the runway I achieved the 55 knot rotation speed. I lifted off into ground effect, but climb was sluggish. As I saw the airport fonce cyproaching (continued on Additional Information section, p.1

RECOMMENDATION (How could this	accident/incident ha	we been prevented?	?)				
Onerator/Owner Safety Recommendation							
I believe the causes of this accident were a							
combination of	combination of high density altitude and aircraft						
weight close							
To mitigate th	ese facto	or I	could b	have de	layed		
do a true	Il the	tollowing	morning	g when c	00121		
temperatures wo altitude; I could	uld have	resulted + be pr	d in Less	a lower	nd I		
could have reduced	have the wei	ght in	the bagg	age area	behind the souts.		
MECHANICAL MALFUNCTION							
Was there Mechanical Malfunction/Failu (If yes, list the name of the part, manufacturer, pa	re? 🛘 Yes 🕱 No		•		Total Time/Cycles On Part		
					Hours		
					Cycles		
					Time Since This Part		
					Inspected/Overhauled		
					Hours		
FUEL & SERVICES INFORMAT	ION						
Fuel on Board at Last Takeoff (Convert from pounds, as necessary)	Fuel Type O 80/87	0 115/145	O Int D	201			
28 Gallons	● 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	1	O JOLIA-1	O Automonyo				
EVACUATION OF AIRCRAFT							
Was an emergency evacuation of the aircraft performed?							
Method of Exit – Describe how the occupants exited and how many occupants evacuated each location							
I climbed through the broken window on the							
passenger side of the aircraft.							
OTHER AIRCRAFT - COLLISIO	N (If air or ground o	collision occurred, o	complete this se				
	turer:			The state of the s	mage to Other Aircraft Destroyed		
					Destroyed		
Registered Owner of Other Aircraft			of Other Aircraf				
Name:		Name:	;				
City: ZIP:		State:		ZIP:	-		
Country:		Countr					

ADDITIONAL INFORMATION	(Please type or print in ink)	10 1110	10				
Use this space if additional space is needed for any answers. Continued from Narrative History , page 9							
I attempted	to pace the aircrat	It into a gentle climbo	As The				
ch along	of the tence and	- was no ronge					
1	C i H. most	rivag inc.					
1 1 . 1 11	I The pow	er en e					
1 111	T realized -		1				
nous non cons	borame a croul	Cont					
1	1 1 111000	level, march y					
and with a	research full	11 n - H. 1.	they forced				
Wheels touched	tirst, onto soll	dirt. As they day in el impact caused ending up inverted. was upride down	the aircraft				
the nose wheel	down. The Mose and	ending up inverted.	The				
to flip about	143 lateral	use uscale down	, still on				
final position	of the aircraft	- was upride drum	inted towards				
1-1-	11176 762 11050	,	1				
1 -1 (a langed was	,,,,,,					
- Latt an	a character ctomes	1					
antibe the man	eter Cwitch, and I wi	nea / -					
,	1100 1100 1000	Clary Will					
aircraft through	The broken Winds	e and approximately 1/2	how after				
notified the apport	manager by receptions	+. the New Mexico State	Police, and				
aircraft through the broken window on the passenger side. I notified the dyport manager by telephone, and approximately 1/2 hour after the crash representative of the airport, the New Mexico State Police, and para medics arrived at the scene.							
I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE							
Date of this Report Name of Pilot/Operator:							
O3/08/2022 Signature: - or - Check here to electronically sign this document							
If a Person Other than Pilot/Operator is Filing Report							
Name:							
	electronically sign this document						
	FOR NTSB (
NTSB Accident/Incident No.	Reviewed by NTSB Regional Office	Name of Investigator	Date Report Received 3/08/2022				
WPR22LA116	Western Pacific	James Bledsoe	3/00/2022				