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	IC INFORMA	ATION		-									
Accident Nearest CIP:		STEVE Country:	OSEN USA Longitude:			WA	Accid	lent/Incid	dent Date/I 27/28 d/yyyy	fime Z 1 Lo	ocal Time:	7:45 Pak	<u>A</u>
	(Enter in decima	ıl degrees or c	degrees:minutes:se	econds)			 		Other Aire		Midair	On-grour	
	RAFT INFO												
Registration Number: <u>NB548M</u> Manufacturer: <u>5710500</u>							(oped and Ce ial Space Fli I Aircraft				
Model:	: <u>/ 08 </u>	109-	11540						oss Weight			lbs	
		10.							ne of Accid				lbs
	f Manufacture:		-				Num	ber of Se	ats:	<u> </u>		ew Seats:	
Amateu	ur-Built: Yes (6)	•	Kit/Plans Mai Original Design				Cabin	Crew Seat	is:		Passenger	r Seats:	2
Cataga	ory of Aircraft					r	Num	ber of En	igines:	<u> </u>			
Airpla Ballor Blimp Glide Gyrop Helico	lane) 7000 p/Dirigible er plane	Norma Aerobe Balloo Comm	d Special Restric atic Limited provisi nuter Special	cted cd ional il Flight		Landing Gea (Check all that F Tricycle Amphibian Emergency Float	a <i>t apply,</i> Retracta n	able Ta	ailwheel igh Skid kid	Reci Turb Turb Turb	proceeding So Shatt so Proposed Jet so Fan	> Liqui Solid	
Rocket Utility Speci			Special Experi of Authorization	al Light-Sport imental Light-Sport Other Launch/Recovery System On or Waiver (COA) None Unknown Hull Ski/Wheel Fuel System Type (Recip					Fuel-	Fuel-Injected			
Engine	Engine Manufa		Engine Model/Series	- 4 -	Serial N	acturer's Number	of mn	f Mfg. n/dd/yyyy	Jbs of T	ower or	Total Time (hours)	Time Inspection (hours)	Overhaul (hours)
Eng. 1 Eng. 2	Fran K	lin	CA4-16	583	35	2360	19	940	105		3	30	495
Eng. 3							-						
Eng. 4							+						
Last In	spection Type			Propelle	er 1	Fixed Pit			Propel	ller 2		Fixed Pitch	~ •
100-H		inuous Airwoi		Controllable Pitch Controllable Pitch Ground Adjustable Ground Adjustable									
AAIP Annua	Cond al Unkn	litional Inspec	tion	Manufacturer: Manufacturer:									
Date La	ast Inspection:	10/18/-	2020	Model: Model:									
Date Last Inspection: / C//&/LCC mm/dd/yyyy Airframe Total Time: hours measured at (Select one) Last Inspection Time of Accident/Incident			yyhrs	If Yes: ELT Manufacturer: Model or Part No.: ADS-B Airframe Angle of Autopilot					-B ame Parade of Attac	ne Parachute of Attack Indicator			
Annual Conditional (Amateur-built only) Manufacturer's Inspection Program Other Approved Inspection Program (AAIP) Continuous Airworthiness Other, specify:				C126 (406 MHz) Was ELT still mounted in aircraft? Was ELT still connected to antenna? Did ELT Activate? If activated: Data Recorder Electronic Flight Bag or Handheld Electronic Multifunction Display Electronic Primary Flight Display Handheld GPS Heads Up Display Onboard Weather					Display Display	vice			
Mone	ition of Fire Ext	-	System	,	Did ELT Aid in Locating Aircraft: Yes No If not activated: Indicate Reason: Impact Damage Fire Damage Battery Expired/Damaged Unknown								

OWNER/OPERATOR INFORM	ATION								
Registered Aircraft Owner			cini Steve	327 = -					
Name: Daug Bill			City: <u>Stevenson</u> State: <u>WA</u> ZIP: <u>98648</u>						
	No		Country: USA						
Operator of Aircraft Same As R	egistered Owner		Same Address as Registered Owner						
Name:			City:						
Doing Business As:			State: ZIP:						
Air Carrier/Operator Designator (4 Charac	ter Code):			ZII.					
Operating Certificates Held (Check all that apply)	Regulation Flight Conducted U	nder	Revenue Operation for (Select one for each group)	FAR 121, 125, 129, 135					
None Flag Carrier Operating Certificate (FAR 121) Supplemental Air Cargo Foreign Air Carriers (FAR 129) Rotorcraft External Load (FAR 133) Commuter Air Carrier (FAR 135)	FAR 103 FAR 133 FAF FAR 121 FAR 135 FAF	R 415 R 431 R 435 R 437	Scheduled or Commuter Non-Scheduled or Air T Passenger Cargo						
On-Demand Air Taxi (FAR 135)	Non-US, Non-commercial		Mail Contract Only						
Commercial Air Tour (FAR 136) Agricultural Aircraft (FAR 137) Pilot School (FAR 141)	Public Aircraft (Select one)		Purpose of Flight for FA (Select one)	AR 91, 103, 133, 137					
Certificate of Authorization or Waiver (COA) Commercial Space Transportation Experimental Permit Commercial Space Transportation License Other Operator of Large Aircraft	Armed Forces Federal State Local Unknown		Aerial Application Aerial Observation Air Drop Air Race/Show Banner Tow Business Executive/Corporate	Firefighting Unknown Flight Test Glider Tow Instructional Other Work Use Personal Positioning					
Revenue Sightseeing Flight	Air Medical Flight 🛆		External Load Ferry	Skydiving					
Yes No	Yes No	l	,						
AIRPORT INFORMATION (Fill in	if accident/incident occurred on an	nmank	Janding take off dearest						
Airport Name: Keyway Airport Identifier:				<i>\$ (</i>					
Airport Identifier	Q (a/A	Dist	ance From Airport Cente	er:sm					
Proximity to Airport: Off Airport/Airstri	7 0075		ection From Airport:						
Troximity to Airport. On Airport/Airsin	On Airport/Airstrip N/A	Air	oort Elevation:	160ft. msl					
Runway Information		Cond	lition of Dunmar/I and in	g Surface (Check all that apply)					
Runway ID:(L/R/C) Length: 2	100 ft Width: 75 ft	Dr		g Surface (Check all that apply) Compacted Water-Calm					
Runway/Landing Surface (Check all that a			otes Snow-C						
Asphalt Grass/Turf Maca		1	Covered Snow-I ough Snow-V	Dry Water-Glassy					
Concrete Gravel Metal	/Wood		ugh Snow-V bber Deposits Soft	Wet Wet					
Dirt Ice Snow	Unknown		sh-Covered Vegetat	tion Unknown					
Approach/Departure Segment (Select one)		<u> </u>							
Taxi VFR Departure	On Instrument Ap	proach	Downwind	Low Approach					
Takeoff IFR Departure Proce Initial Climb		•	Base Final Crosswind	Go Around Aborted Landing (after touchdown) Unknown					
IFR Approach (Check all that apply)		VFR	Approach (Check all that	apply)					
None (Noi		TrV/					
ADFAIDB PAR SDF Sidestep VOR/TVOR ILS VOR/DME Localizer Only TACAN LOC-back course RNAV	MLS Practice LDA GPS ASR Visual Contact	Stra Val Go	ffic Pattern right-In ley/Terrain Following Around I Stop	Stop and Go Touch and Go Simulated Forced Landing Forced Landing Precautionary Landing					
MAAA	Circling Unknown			Unknown					

"FLIGHT CREWMEN	VIBER 1" INFO	RMATIC)N							
"Flight Crewmember 1" R	esponsibilities at th	e Time of	Accident/1	Incident						
Pilot Co-Pilot Student Pilot Flight Instructor Check Pilot Flight Engineer Other Flight Crow										
"Flight Crewmember 1" w	as pilot flying (Yes) N	0					•		
"Flight Crewmember 1" Ic	lentification					10.10.00.00	<u>-</u>			
First Name:	DU9				City of I	Residence:	Ste	UCN S	00	
Middle Initial:	. /				State:	WA	1	71D. C	20/24	<u>a</u>
Last Name:	11				Country	. (/	<u>.</u>	ZIP	18020	
Age at time o	f Accident/Incident:	52	Date of	Birth:	County	17.	n/dd/yyyy			
			rtificate Nu	*******			n awyyyy			
Degree of Injury	Seat Occupied		- Intodic Int		estraint 7	Type				
None Fatal	Left	Front	Unkn	3					Inflatable	Restraints
Minor Unknown (Serious)	Right	Rear			Availab Non		Used None		N5-4 7	
	Center	Single	····			only	Lap	1	Instal	nstalled led
Pilot Certificate(s) (Check a					3-po		3-poi			Deployed
None Flight Private Recrea		mercial ine Transpor	US I t Fore	Military	4-po 5-po		4-poi 5-poi		Deple Unkne	
Student Sport		ht Engineer	roic	ıgıı		nown	Unkn	,		· · · · ·
Principal Occupation	M. P. J. C. are									
Pilot	Medical Certificate	/:>/	tsic M	ed M		ertificate V			Date of La	ast Medical
Other		ass 3 iver's Licens		1 C		mitations/waive		Unknown	C/2.	2/21
Unknown	Class 2 Un	known	e (Slaut Lii		Special Is:		ers	N/A	mm/dd/	VVVV
Medical Certificate Limitat	ions									
Date of Last Flight Review			_			**************************************	······			
or Equivalent, Including	/ /	Flight F	Review Air							
FAR 121/135 Checks:	0571	Make: _	-c	CSSN	A					
	mm/dd/yyyy	Model:	_/ ୧	<u>s</u>						
Airplane Rating(s) (Check all that apply)	Other Aircraft Ra			nent Rating(s)	Instructo	or Rating(s)		
None	(Check all that apply) None)	1 '	ll that apply)		1	that apply)	,		
Single-Engine Land	Airship		None			None			Instrument	
Single-Engine Sea Multiengine Land	Balloon		Helic		Airplane Single-Engine Airplane Multi-Engine				Instrument Helicopter Helicopter	
Multiengine Sea	Glider Gyroplane		Powe	red Lift	Gyroplane				Glider	
ū	Helicopter				i	Powere	d Lift		Sport	
Type Ratings	Powered Lift		<u></u>							
1 ype Katings						Student l	Endorseme	nts (Include o	dates)	
					1					
Flight Time (Enter appropriate	All This		Airplane		Г	Inst	rument	T	1	
number of hours in each box)	1	Make Model	Single Engine	Airplane Multiengine	Night	Actual	Simulated	Rotorcraft	Clidon	Lighter
Total Time	988 2	14	988			11000	Dynamics	≈ 25	Glider	Than Air
Pilot in Command (PIC)						1		(3		
Fime as Instructor										
This Make/Model										
ast 90 Days										
ast 30 Days										
ast 24 Hours	1	- 1		1		1				

"FLIGHT CREWMEN	IBER 2" INFO	ORMATIO	N							
"Flight Crewmember 2" R	esponsibilities at	the Time of A	Accident/I	ıcident						
Pilot (Co-Pilot)	Student Pilot	Flight Ins		Check Pilot	Fli	ight Enginee	r Othe	r Flight Crev	v	
"Flight Crewmember 2" w	as pilot flying	Yes N	No					C		
"Flight Crewmember 2" Id									·····	
First Name: 7 00	1d			. (City of R	esidence:	E A	ale		
Middle Initial:					State:			7/	····	
Last Name: SW/	Insoll				State		5A	ZIP:		_
	Accident/Incident	. 50	Data of I	Birth:	Country:					_
8	- recident including					<i>n</i>	nm/dd/yyyy			
Degree of Injury	Seat Occupie	·	ificate Num						I	
None Fatal	Left)	Front	Unkno		straint 7				Inflatable	Restraints
Minor Unknown Serious	Right	Rear			Availab Non		Used			
	Center	Single				only	None Lap or	ılv	Not In Install	istalled ed
Pilot Certificate(s) (Check at					3-po		3-poin		Not D	eployed
None Flight l Private Recrea		ommercial irline Transport		filitary	64-po 5-po	oint)	4-poin 5-poin		Deplo Unkno	
Student Sport		ight Engineer	Foreig	2n	•	nown	Unkno		OIKIK	own
	Medical Certifica					ertificate V	~		Date of La	st Medical
Pilot Other		Class 3 Driver's License	a (Control Dille	1		mitations/wa	Ca 7	Unknown		
Unknown		Inknown	е (зроп Рио	• • •	With limit Special Iss	lations/waive suance	ers	N/A	mm/dd/y	กกก
Medical Certificate Limitati	ons				- F		· · · · · · · · · · · · · · · · · · ·			7777
Medical Certificate Special	lssuance									
Date of Last Flight Review or Equivalent, Including		Flight R	leview Air	craft						
FAR 121/135 Checks:	//	Make: 2	,							
	mm/dd/yyyy	Model: _								····
Airplane Rating(s)	Other Aircraft l			ent Rating(s)	Instructor	r Rating(s)			···
Check all that apply) None	(Check all that app	ly)		l that apply)		(Check all 1				
Single-Engine Land	None Airship		None Airpla	1/)		None	0' 1 n '		Instrument A	
Single-Engine Sea	Balloon		Helico		.7		e Single-Engi Multi-Engin		Instrument H Helicopter	lelicopter
Multiengine Land Multiengine Sea	Glider Gyroplane		Power	ed Lift		Gyropla	ne		Glider	ļ
	Helicopter		ļ		´ カ	Powered	l Lift		Sport	
P 4:	Powered Lift				_ ()					
Type Ratings					4	Student E	ndorsemen	ts, (Include o	lates)	
					1	//	7			
										l
					ı					i
light Time (Enter appropriate umber of hours in each box)	1 -	his Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Inst	rument	Rotorcraft	Glider	Lighter Than Air
otal Time						1			Justi	andit All
ilot in Command (PIC)							<u> </u>			
ime as Instructor						1			†	
his Make/Model										
ast 90 Days										
ast 30 Days										
ast 24 Hours	1 1	ı			I	1	1	· · ·		

FLIGHT ITINERARY INFORMA	ATION						
Last Departure Point	Time of Departur	e Destinati	ion		Type Fligh	4 Dlan Ellad	
Airport ID: 19WA	1		19W)	4	None	t Plan Filed	
City: Stevenson	Time: 7.95 A				Company		VFR/IFR IFR
State: LVA	Time Zone:				Military V		Unknown
Country: USA					VFR Activated?	V N	
Type of ATC Clearance/Service (Check	all that and i	Country:			Activated;	Yes N	lo Unknown
None Special VFR	****	pecial IFR		TETTO THE TANK A			
VFR IFR		FR On Top		VFR Flight Follo Traffic Advisory		Cruise Unknown	/ NTA
Airspace where the accident/incident oc				JJulio Havisory		Olikhown	/ INAL
Class A Class G		ilitary Operations	s Area (MOA)	Special		Altitude of	•
Class B Demo Area Class C Warning Area	Ai	rport Advisory A		Air Traffic Contr	ol Area	Occurrenc	e:
Class C Warning Area Class D Prohibited Ar		Training Area		Unknown			ft msl
Class E Restricted Are		AR 93					
WEATHER INFORMATION AT	THE ACCIDEN	T/INCIDEN	IT SITE				
Source of Pilot Weather Information			T	servation Facility		140 2.2 2 2 T. W. S.	
(Check all that apply)			l .				
National Weather Service Flight Service Station	Company		Observation Ti				
TV/Radio	Military Internet		Ti. 7	me:			
Automated Report	None		Time Zone:		·		
Commercial Weather Service (DUATS) On-Board Weather	Unknown			Accident Site:		nm	
Basic Conditions			Direction from	Accident Site:		degrees true	
VMC	Light Condit						
IMC	Dawn Øay	Dusk			nown		
Unknown	[Day	Night	ngra	nt Night			
Sky/Lowest Cloud Condition	Ceiling			T		7	
Clean Thin Broken	None (Clear	}	Obscured	Temperature:	((2) or	<u>3 (F)</u>
Few Thin Overcas	t Broken	•	Indefinite	Dew Point:	(C)	or	(F)
Partial Obscuration Unknown Scattered	Overcast	•	Unknown	Altimeter Settir	ıø.	in Ha	
Lowest Cloud Condition Height	Ceiling Heigh	Ceiling Height			or		
ft agl		-	ft agl				
Wind Direction Wind Spee					···········		
- Special Control of the Control of		Wind Gusts		Visibility	MLim.	miles	
Variable Calm	Variable	Not Gustin	g	RVR:		feet	
-or-	1 Variable	-or-		PVV-		miles	1
Direction:degrees true Speed:	kts	Speed:	kts	Density Altitude	***		ı
Intensity of Precipitation Type of Pre	cipitation (Check all t	hat apply)		·		ft	
Light None	Drizzle	Freezing	Dain	Restriction to Vi	=		(עוי
Moderate Rain	Ice Pellets	Snow Sh		Blowing Dust	Fog Gre	ound Fog	Į.
Heavy Snow N/A Hail	Snow Pellet		ts Shower	Blowing Sand	Haz	ze	İ
N/A Hail Unknown Rain Show	Snow Grain	s Freezing	; Drizzle	Blowing Snov		Fog	I
Tall bion	ers Ice Crystals			Blowing Spray Dust		oke Cnown	ł
Icing Forecast	Icing Actual			Turbulence			
Amount Type	Amount	Туре		Type (Check all t	hat apply)	Severity	i
None N/A Trace Rime	None	N/A		None	11 //	Light	I
Light Clear	Trace Light	Rime Clear		Clear Air Terrain-Induce	.i	Modera	ite
Moderate Mixed	Moderate	Mixed		Convective Tu		Severe Extreme	
Severe Unknown	Severe	Unkno			odionoc	Externs	
Unknown	Unknown						
NOTAMs (D and FDC), AIRMETs, S	IGMETs, PIREPs	in effect at th	he time of the	accident/incide	nt•		
,	,		or the		est,		1
							l

DAMAGE TO AIRCRAFT AND OTHER PROPERTY

Aircraft Damage

None Minor Substantial Destroyed Unknown Aircraft Fire

None In-Flight On-Ground Both Ground and In-Flight Fire at Unknown Time Unknown

None In-Flight On-Ground

Aircraft Explosion

Both Ground and In-Flight Explosion at Unknown Time Unknown

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

Plane 9590 consumed by FIRE.

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.

Departed Keymry about 7:45 Am for 1 turn of
the pattern. On Final approach, Just about to
Flare, a van pulled out into the Runway at
Just about touch down point. A go-around was
the only option to avoid a collison and was
the only option to avoid a collison and was
then ted, aircraft failed to climb out against
Attented, aircraft failed to climb out against
Eising teriain resulting in off-airpurt landing.
2 occupants climbed out and got clear
2 occupants climbed out and got clear
before fire consumed plane.

RECOMMENDATION (He	ow could this a	ccident/incident ha	ve been prevented	J?)			
Operator/Owner Safety Recom		ccident/incident ha	ve been prevented	12)			
MECHANICAL MALFU	INCTION/E/	All LIDE (16 more		•			7. 71.6
Was there Mechanical Malfur (If yes, list the name of the part, man	nction/Failure?	Yes No	>	continue on separ	ate sheet)	Total Time/Cy On Part	ycles _ Hours
'							_Cycles
						Time Since The Inspected/Ove	
							_ Hours
FUEL & SERVICES INF		N					
Fuel on Board at Last Takeoff (Convert from pounds, as necessary)	Gallons	Fuel Type 80/87 100 Low Lead 100/130	115/145 Jet A Jet A-1	Jet B JP8 Automotive	Other, specify		
Other Services, if Any, Prior to	o Departure						
EVACUATION OF AIRC	CRAFT		\sim				
Was an emergency evacuation		nerformed?	Yes No				
Method of Exit - Describe how SCH + He	the occupants e	exited and how many	***************************************	ted each location			
OTHER AIRCRAFT - C	OLLISION	Alf air or ground col	llicion occurred, c		- f they already		
Aircraft Registration Number	Manufacture	r:			Dama	age to Other Air	rcraft Minor
Registered Owner of Other Air		***************************************		f Other Aircraft			None
Name:			Name				
City.			City:				
State: ZIP: _ Country:			State: _		ZIP:		_
J			Country	√:			

ADDITIONAL INFORMATION (Please type or print in ink)		
Use this space if additional space is needed for any answers.		
HEREBY CERTIFY THAT THE ABOVE INFORMATION IS COM	PLETE AND ACCURATE TO THE E	BEST OF MY KNOWLEDGE
Date of this Report Name of Pilot/Operator: Dovey	3:11	
8/6/21 Signature:	>	
mm/dd/yyyy - or - Check here to electronically sign to	his document	
a Person Other than Pilot/Operator is Filing Report		
Name:	Title:	
Signature:		
- or - Check here to electronically sign this document		
FOR NTS	B USE ONLY	
TSB Accident/Incident No. Reviewed by NTSB Regional Office	Name of Investigator	Date Report Received
WPR21LA251 WPR	E Simpson	8/10/21