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	CINFORMA	TION .				a hakerik	2-11,1	i eri	eti "	. ;		. ,			
GWIIIP TREETING	nt/Incident Loc	2.1.2		3,7,3		. 4	Accide	nt/Incid	lent Date/T	ime					
Nearest	Nearest City/Place: Clearlake State: MN						Date:	11/	23/2019	Lo	cal Time:	5:30pm			
ZIP: <u>55</u>	319(Country: USA	<u>\</u>						<i>1/уууу</i>		-		•		
Latitude	: ?		Longitude: ?							Ti	me Zone: <u>(</u>	Central			
	(Enter in decima	l degrees or a	legrees:minutes:sec	conds)			Collisio	on with	Other Airc	eraft: C) Midair	OOn-groun	nd		
AIRC	RAFT INFO	RMATIO	Nakatiya					jaga yang			neter v Held I	e el e			
Registr	ation Number:	28037					_		ped and Ce			-			
Manuf	acturer: Belland	ca							al Space Fii; I Aircraft	ght					
Model:	Super Viking						Maxin	num Gr	oss Weight	: 3325		Ibs			
Serial I	Number: <u>79-30</u>	949	<u></u>				Weigh	t at Tin	ne of Accid	ent/Inci	dent: 298	<u> </u>	lbs		
Year of	Manufacture:	1979					Numb	er of Se	ats: 4		Flight Cre	ew Seats: 0			
Amate	ar-Built: OYes	If Yes: (OKit/Plans Mal	ce:								Seats: 3			
	⊙No	(Original Design						igines: 1		_				
Category of Aircraft O Airplane O Balloon O Blimp/Dirigible O Glider O Gyroplane O Helicopter O Powered Lift Type of Airworthiness Ce (Check all that apply) Standard Normal Aerobatic Limite Balloon Provisi Commuter Special Aerobatic Limite Commuter Special Tensport			ted I onal Flight nental		☑Trícycle ☐Amphibian ☐Emergency	ear lat apply)]Retractable Tailwheel an High Skid cy Float Skid Ski			© Reci O Turb O Turb O Turb	gine Type (Select one) Reciprocating O Liquid Rocket Furbo Shaft O Solid Rocket Furbo Prop O Hybrid Rocket Furbo Jet O None Furbo Fan O Unknown Electric		Rocket id Rocket			
ORock OUltra		Utility		or Waiver (COA)			□S:				stem Type (Reciprocating)				
OUnkr		☐ Certificate					nch/Recovery System OCarb			uretor					
		□None		Unknown	,,,,,	□ None			nknown			<u>``</u>			
Engine	Engine Manufa	cturer	Engine Model/Series		Serial l	acturer's Number	of Mfg. O Horse of mm/dd/yyyy O lbs of		Rated Power Horsep Ibs of T	ower or	Total Time (hours)	Time Inspection (hours)	Since: Overhaul (hours)		
Eng. 1	Continental		IO540K		557435		?		300		1935	31	NA		
Eng. 2							-					 			
Eng. 3 Eng. 4												 - -			
			L	Propell	L er 1	OFixed Pi	itch		Propeller 2 OFixed Pitch						
O100-H		inuous Airwo		_		©Controll OGround AcCauley	able Pito			O Controllable Pitch O Ground Adjustable Manufacturer:					
O Annu	al OUnk			Model:			_			Model:					
Date L	ast Inspection:	02/01/2 mm/dd/yy		ELT Installed: OYes ONo Additional Equipment (Check of					Check all tha	apply)					
Airfrai	ne Total Time:		hrs	If Yes:					☑ ADS	S-B	• '				
	rs measured at (S	•		ELT Ma					_	rame Para le of Atta	cnute ck Indicato	ır			
OI OI	ast Inspection	Time of A	ccident/Incident	Model or TSO No.		.: (121.5 MHz)	C91a (1	21.5 MH	Auto	-	_				
Type of Maintenance Program (Select one)						(406 MHz)			, LDan	Recorder tronic Fli		Handheld De	vice		
						unted in aircra					lltifunction mary Fligh				
O Manufacturer's Inspection Program						nected to anten		es ONe	, , —	dheld GPS	, ,	it Display			
O Other Approved Inspection Program (AAIP) O Continuous Airworthiness				If active		9165 01	10			ds Up Dis					
	r, specify:			, ,		ocating Aircraf	it: OYe	s ① No		oard Wea Ilite Tracl	tner cing Device	e			
	otion of Fire Ex	tinguishing	System		tivated:				✓ Stall	Warning	System				
O Non	e sify: portable ha	lon extinou	isher	Indicate	Reason:	☐ Impact Dan				eo Record er, Specify	ing Device /:	•			
Spec	ary, portubile file					☐ Fire Damag ☐ Battery Exp		maged		, <u>- </u>					
						Unknown									

OWNER/OPERATOR INFORMA	ATION						
Registered Aircraft Owner		City:					
Name: Paul Chau		- State					
Fractional Ownership Aircraft: O Yes ©) No	Country: USA					
'	gistered Owner	☑ Same Address as Registered Owner					
Name:		City:					
Doing Business As:		State: ZIP:					
Air Carrier/Operator Designator (4 Charact	er Code):	Country:					
Operating Certificates Held (Check all that apply)	Regulation Flight Conducted Un	nder Revenue Operation for FAR 121, 125, 129, 135 (Select one for each group)					
□ None □ Flag Carrier Operating Certificate (FAR 121) □ Supplemental	©FAR 91 OFAR 129 OFAR 05AR 133 OFAR 133 OFAR 121 OFAR 135 OFAR 135 OFAR 121 OFAR 135 OFAR 135	R 431 O Non-Scheduled or Air Taxi O International					
☐ Air Cargo☐ Foreign Air Carriers (FAR 129)☐ Rotorcraft External Load (FAR 133)	OFAR 125 OFAR 137 OFAR OFAR 91 Special Flight	O Passenger Cargo					
☐ Commuter Air Carrier (FAR 135) ☐ On-Demand Air Taxi (FAR 135)	O Non-US, Commercial O Non-US, Non-commercial	O Mail Contract Only					
☐ Commercial Air Tour (FAR 136) ☐ Agricultural Aircraft (FAR 137)	OPublic 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 Aerial Application O Flight Test O Glider Tow O Instructional O Banner Tow O Other Work Use					
		O Business					
Revenue Sightseeing Flight	Air Medical Flight	—— O External Load O Skydiving					
OYes ONo	OYes ONo	O Ferry					
		proach, landing, takeoff, departure, or within 3 miles of an airport)					
PAIREORI INFORMATION (FIRM	if accident/incident occurred on ap	pproach, Handing, takeoff, departure, or within 3 miles of an_airport)					
		Distance From Airport Center: 0sm					
Airport Identifier: 8Y6		Direction From Airport: degrees true					
Proximity to Airport: O Off Airport/Airstri	p OOn Airport/Airstrip ON/A	Airport Elevation: 990 ft. msl					
Runway Information		Condition of Runway/Landing Surface (Check all that apply)					
Runway ID: 36 (L/R/C) Length: 30	00 ft Width: 150 ft						
Runway/Landing Surface (Check all that	apply)	Holes					
☑ Asphalt ☑ Grass/Turf ☐ Maca	adam Water al/Wood	□ Rough □ Snow-Wet □ Wet □ Rubber Deposits □ Soft					
Dirt Dice Snow		□ Rubber Deposits □ Soft □ Slush-Covered □ Vegetation □ Unknown					
Approach/Departure Segment (Select one	•}						
OTaxi OVFR Departure	On Instrument Ap	pproach ODownwind OLow Approach					
OTakeoff OIFR Departure Proc		OBase OGo Around OFinal OAborted Landing (after touchdown)					
		OCrosswind OUnknown					
IFR Approach (Check all that apply) □ None		VFR Approach (Check all that apply) □None					
□ ADF/NDB □ PAR	☐MLS ☐Practice	☐ Traffic Pattern ☐ Stop and Go					
☐SDF ☐Sidestep	□LDA □GPS	☐ Straight-In ☐ Touch and Go					
VOR/TVOR ☐ ILS ☐ VOR/DME ☐ Localizer Only	□ASR □Visual	□ Valley/Terrain Following □ Simulated Forced Landing □ Go Around □ Forced Landing					
☐TACAN ☐LOC-back course	Contact	☐ Full Stop ☐ Precautionary Landing					
□RNAV	□Circling □Unknown	☐ Unknown					
Ī							

FLIGHTITINERARYI	NEORMATION	V	es a Polis American	For South St. School		- 10 miles	angigation and the	
Last Departure Point		e of Departure	T	on			ht Plan Filed	
Airport ID: KMGG		-	Airport ID:	8Y6		None	O VFR/IFR	
City: Maple Lake	Time	5:30pm	City: Clear	rlake		O Compan		
State: MN	Time	Zone: Central	State: MN			O Military O VFR	VFR O Unknown	
Country: USA			Country: U	SA		Activated?	OYes ONo OUnknown	
Type of ATC Clearance/Ser	vice (Check all that o	apply)						
□ VFR □	Special VFR IFR	□VF	ecial IFR R On Top		☐ VFR Flight Foll☐ Traffic Advisory		☐ Cruise ☐ Unknown / NA	
Airspace where the accident					_		Altitude of In-Flight	
	Class G Demo Area		itary Operations port Advisory A		☐Special ☐Air Traffic Contr	rol Area	Occurrence:	
	Warning Area	-			Unknown			
☐ Class D ☐	Prohibited Area	☐ TR:	SA n oo				•	
	Restricted Area			areas temperatural		A CONTRACT OF	one of the second second second	
WEATHER INFORMA Source of Pilot Weather Info		AGGIDEN	MODEN		servation Facility		March 42 September 1	
(Check all that apply)	oi mation			Facility ID: K	-		_	
☐ National Weather Service	☐ Com			Observation Ti				
☐ Flight Service Station ☐ TV/Radio	☐ Milit ☐ Inten			Time Zone: C			· · · · · ·	
Automated Report	☐ None			l	Accident Site: 7		nm	
Commercial Weather Service	(DUATS) 🗖 Unkr	nown		l	Accident Site: 150			
Basic Conditions		Light Conditi	ion	Direction from	Accident Site. 100		degrees true	
OVMC		ODawn	ODusk	⊙ Dark	Night OUr	ıknown		
OIMC		ODay	ONight		ht Night			
OUnknown								
Sky/Lowest Cloud Condition		Ceiling	_		Temperature:		(C) or <u>?30</u> (F)	
■ _	O Thin Broken O Thin Overcast	None (Clear) Broken		Obscured Indefinite	Dew Point:	(0	C) or <u>?</u> (F)	
1	Unknown	O Overcast O Unknown						
O Scattered					Altimeter Sett	or	MB	
Lowest Cloud Condition He	ei ght ft agl	Ceiling Heigh	ıt	ft agl				
Wind Direction	Wind Speed	1	Wind Gusts		Visibility	10	miles	
☐ Variable	☐ Calm		☑ Not Gustin	ng	RVR			
	☑ Light and Varia	ble				':		
Direction: 270 degrees true	-or- Speed:	kts	-or- Speed:	kts	Density Altitu			
Intensity of Precipitation	Type of Precipit:	<u>'</u>					Check all that apply)	
OLight	☑ None	Drizzle	☐ Freezin	g Rain	✓ None		Fog	
O Moderate	Rain	☐ Ice Pellets	☐ Snow S	hower	☐ Blowing Du		Ground Fog	
OHeavy ON/A	□ Snow □ Hail	☐ Snow Peller ☐ Snow Grain			☐ Blowing Sa ☐ Blowing Sn	_	Haze Ice Fog	
OUnknown	Rain Showers	☐ Ice Crystals		ig Diizzic	☐ Blowing Sp	ray 🔲	Smoke	
		•			☐ Dust		Unknown "	
Icing Forecast Amount Type		Icing Actual	T		Turbulence Type (Check a	II shas	Severity	
None ON/A		Amount O None	Type ON/A		✓ None	ш (пасарріу)	☐ Light	
O Trace O Rime		O Trace	O Rime	-	Clear Air	4	☐ Moderate	
O Light O Clear O Moderate O Mixed		O Light O Moderate	O Clear O Mixe		☐ Terrain-Inde		□ Severe □ Extreme	
O Severe O Unknow	√n	O Severe	O Unka					
OUnknown		O Unknown						
NOTAMs (D and FDC), A	AIRMETs, SIGM	IETs, PIREP	s in effect at	the time of t	he accident/inci	dent:		
1								

	TO AIRCRAFT	Aircraft Fire	AND LOCK OF THE PARTY OF THE PA	Alexander :	
reraft Dan None Minor	SubstantialDestroyedUnknown	None In-Flight On-Ground	O Both Ground and In-Flight O Fire at Unknown Time O Unknown	Aircraft Explosion None In-Flight On-Ground	O Both Ground and In-Flight O Explosion at Unknown Time O Unknown
escription (f Damage to Aircra	ift and Other Propert	y (Use additional sheet if necessary)		
_	_		ing damage, bent I. stabilizer stru	ıt. firewall damage	
(,				
RRATIV	E HISTORY OF	FLIGHT (Please type	or print in ink)	e e na sa spinishing and s	unate a la casa de la c
			ling circumstances leading to and neets if needed. State departure time		
	Provide as much deta		icets it needed. State departure tinte	and and location, serv	ices obtained, and intended
			ave been outside instead of triple		
			rees, must have stalled because tches, exited out of her, returned		
port owne		, quickly shat on simi	iones, exited out of her, returned	CZ lorgot to switch to	inks to on, cance for help non
					٠

RECOMMENDATION (How could in a	steele and open de carrier de la comer			
Operator/Owner Safety Recommendation				
look outside when on close final				
MECHANICAL MALFUNCTION	FAILURE TEXASSORIA		rate alterit	
Was there Mechanical Malfunction/Failu	AA DEWLY - AND THE UNIX	Idenary Activities of France	310-3110-31	Total Time/Cycles
(If yes, list the name of the part, manufacturer, pa		ure.)		On Part
				Hours
				Cycles
				Time Since This Part Inspected/Overhauled
				Hours
	Longta Cota (see 1922)			
FUEL & SERVICES INFORMAT	T		k jenganicepjolin cing. Z	
Fuel on Board at Last Takeoff (Convert from pounds, as necessary)	Fuel Type O 80/87 O 115/14:	5 O Jet B	O Other, specify	
70+ Gallons	100 Low Lead O Jet A	O 1158	Other, specify	
	O 100/130 O Jet A-1	O Automotive		
Other Services, if Any, Prior to Departure	:			
EVACUATION OF AIRCRAFT				
Was an emergency evacuation of the airci	aft performed? 🗵 Yes	□ No		
Method of Exit - Describe how the occupa	nts exited and how many occupan	ts evacuated each location		-
jumped out				
OTHER AIRCRAFT # COLLISIC	No (If air or ground collision oc	curred complete this sec	tion for other aircra	m le
	turer:		Dat	mage to Other Aircraft
i - I				Destroyed Minor Substantial None
Registered Owner of Other Aircraft		Pilot of Other Aircraft		Programmer FT 140He
Name:		Name:		
City:		City:		
State: ZIP:		State:		
· County.		Country:		

ADDITIONAL INF	ORMATIC	ON (Please type or print in ink)		
		is needed for any answers.		
I can't believe I crast	ned her. I	know better.		
			•	
				•
HEREBY CERTIF	Y THAT TH	LE ABOVE INFORMATION IS COMPL	ETE AND ACCURATE TO TH	BEST OF MY KNOWLEDGE DOWN
Date of this Report	Name of	Pilot/Operator: Paul Chau		
12/04/2019	Signature	e:		
mm/dd/yyyy	or	☑ Check here to electronically sign this		
If a Person Other th	n Pilot/Op	erator is Filing Report		
Name:			Title:	
or □C	heck here to	electronically sign this document		
TOPSER AND CONTINUES AND		. FÖR NTSB	ÚSE ONLY	
NTSB Accident/Inci	lent No.	Reviewed by NTSB Regional Office	Name of Investigator	Date Report Received
CEN20CA02	26	Central	Folkerts	12/5/2019

"Flight Crewmember 1" vas pilot flying	"FLIGHT CREWMEMBER 1" INFORMATION										
Flight Crewmember 1" Identification First Name: Peal Age at time of Accident/Incident: 65	"Flight Crewmember 1" Res	ponsibilities at	the Time of	Accident/Inc	ident	O Flight	Engineer	O Other 1	Flight Crew		
First Name Paul Middle Initial: S State: MP	"Flight Crewmember 1" was	pilot flying [☑Ycs □ N	lo							
Middle Initial: S	_	ntification			C	lity of Resi	idence: St	Cloud			
Age at time of Accident/Incident: 65 Date of Birth: Country: monkld/pypy					•	<u> </u>	_	7ID: 56303			
Degree of Injury Seat Occupied Outstoom Outstoom Okanie Outstoom Okanie Outstoom Okanie Oka									ZIP; <u>36303</u>		
Degree of Injury Seat Occupied Seat Occu											
O None O Feat O Left O Feat O Minor	Age at time of A	Accidentinciden		•			<i>m</i> .	mvaavyyyy			
O None O Fetal O Center O Single O Center O	Degree of Injury	Seat Occupie	ed		Res	traint Typ	e			Inflatable F	Restraints
Pilot Certificate(s) Check all that apphy Instance Commercial Private Priv	O Minor O Unknown	O Right	O Rear	O Unknov	vn	Available Used O None O None 🗹 Not					
Dividence Recreational Recreat	Pilot Certificate(s) (Check all						•		,		
Private Student Saport	1		Commercial	☐ US Mi	litary	O 4-point					
O Pilot				ort 🔲 Foreig					vn.		vn
O Class 1 O Driver's License (Sport Pilot only) O Unknown O Class 2 O Unknown Medical Certificate Limitations Medical Certificate Special Issuance Make: Bellanca Make: Bellanca Make: Bellanca Modet: Super Viking Make: Bellanca Make: Bellanca Make: Bellanca Make: Bellanca Make: Bellanca Modet: Super Viking M	Principal Occupation M	ledical Certifica	ate	•	Med	dical Certi	ificate Va	lidity		Date of Las	t Medical
Medical Certificate Special Issuance	⊙ Other C	Ciass 1	Driver's Lice	nse (Sport Pilot	only) OV	Vith limitati	ons/waivers				
Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: O2/13/2019 Make: Sellanca Model: Super Viking			Olkiowa			7,000					
Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: Make: Bellanca Make: Super Viking											
Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: Make: Bellanca Make: Super Viking											
Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: Make: Bellanca Make: Super Viking											
O2/13/2019 Make: Super Viking Make: Super Viking	Medical Certificate Special Is	ssuance									
O2/13/2019 Make: Super Viking Make: Super Viking											
O2/13/2019 Make: Super Viking Make: Super Viking											
Sample Rating(s) Check all that apply) Check all that apply Check all			Flight	Review Airc	raft						
Airplane Rating(s) (Cheek all that apply) None		02/13/2019	Make:	Bellanca							
Check all that apply	TAR 121/135 Cuccas.		— Model	: Super Viking	3						
Check all that apply	Airplane Rating(s)	Other Aircraft	Rating(s)	Instrum	ent Rating(s)) [Instructor	r Rating(s)			
Single-Engine Land Airship Balloon Helicopter Powered Lift Powered Lift Glider Sport Helicopter Powered Lift Student Endorsements (Include dates)	(Check all that apply)		oply)	(Check al.				hat apply)			
Single-Engine Sea								. 0!1- F:			
Multiengine Land											Hencopter
Helicopter							☐ Gyτopla	ine		Glider	
Type Ratings Student Endorsements (Include dates)	Multiengine Sea						☐ Powere	d Lift	L	j Sport	
Flight Time (Enter appropriate number of hours in each box)								· · · · · · · · · · · · · · · · · · ·			
Flight Time (Enter appropriate number of hours in each box) All Aircraft & Model & Single Engine Multiengine Night Actual Simulated Rotorcraft Gilder Than Air Than	Type Ratings					ļ	Student E	ndorseme	nts (Include	dates)	
Flight Time (Enter appropriate number of hours in each box) All Aircraft & Model & Single Engine Multiengine Night Actual Simulated Rotorcraft Gilder Than Air Than											
Flight Time (Enter appropriate number of hours in each box) All Aircraft & Model & Single Engine Multiengine Night Actual Simulated Rotorcraft Gilder Than Air Than]					
Flight Time (Enter appropriate number of hours in each box) All Aircraft & Model & Single Engine Multiengine Night Actual Simulated Rotorcraft Gilder Than Air Than											
Flight Time (Enter appropriate number of hours in each box) All Aircraft & Model & Single Engine Multiengine Night Actual Simulated Rotorcraft Glider Than Air This Make & Model Engine Single Engine Multiengine Night Actual Simulated Rotorcraft Glider Than Air This Make Model Single Engine Single Engine Multiengine Night Actual Simulated Rotorcraft Glider Than Air This Make Model Single Engine Single Engine Multiengine Night Actual Simulated Rotorcraft Glider Than Air This Make Model Single Engine Single Engine Multiengine Night Actual Simulated Rotorcraft Glider Than Air This Make Multiengine Night Single Engine Single Engi						ļ					
This Make number of hours in each box) All Aircraft & Model Engine Multiengine Night Actual Simulated Rotorcraft Glider Than Air Total Time 248 31 248 99 4 Pilot in Command (PIC) 248 31 248 99 4 Time as Instructor 99 99 99 99 99 99 99 99 99 99 99 99 99		T		Airplane		, '	Inst	rument	<u> </u>	1	· ·
Pilot in Command (PIC) 248 31 248 99	, , , , ,					Night			Rotorcraft	Glider	
Time as Instructor 9 This Make/Model 9 Last 90 Days 9 9 9 9 Last 30 Days 3? 3? 3? 9	Total Time	248	31	248		99	İ	4			
This Make/Model 9 Last 90 Days 9 9 Last 30 Days 3? 3?	Pilot in Command (PIC)	248	31	248		99					
Last 90 Days 9 9 9 Last 30 Days 3? 3?	Time as Instructor			_							
Last 30 Days 3? 3?	This Make/Model			,			 -	ļ			
	<u> </u>					9		<u> </u>	ļ. ——		
4 001 77 1201 121 1 1 1 1 1 1 1 1	Last 30 Days Last 24 Hours	3?	3?			-		-	-		 _