## NATIONAL TRANSPORTATION SAFETY BOARD PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT This form to be used for reporting civil and public aircraft accidents and incidents

BAS	IC INFORMA	ATION												
	ent/Incident Loc					A . 1	A	Accident/Incident Date/Time						
Nearest City/Place: Anchorage State: Alaska						D	Date: 07/23/2021 Local Time: 15/0							
ZIP: Country: USA						Date: 07/23/2021 Local Time: 15/0  mm/dd/yyyy  Time Zone: A57								
Latitude: 61.19°N Longitude: 149,97°W									Tu	me Zone: _	ПЭТ			
(Enter in decimal degrees or degrees:minutes:seconds)							C	ollision with	Other Air	craft:	Midair	On-groun	nd None	
AIRC	RAFT INFO	RMATIO	N	Jan 200 10		SPRINGER STREET, SPRINGER								
	ration Number:		Н						ped and Co					
Manuf	acturer: Pip	er	AR.1292	uries	1.4 55			Unmanne	al Space Fl Aircraft	ight				
Model	PA-I	4		LE ISI	FAR 195		N	Aaximum Gr	oss Weigh	t: 19	35	lbs		
Serial !	Number:	14-9						Veight at Tin					1bs	
Year o	f Manufacture:	194	8					lumber of Se					2	
Amate	ur-Built: Yes	If Yes:		A STATE OF THE PARTY OF THE PAR				Cabin Crew Sea						
1 Age	√No	LR 987	Original Desi	Mild A State of	dishirt co	el :	-	lumber of Er	igines:	1				
	ory of Aircraft	Type of A	irworthiness	Certificate		Landing G (Check all ti				1	Type (Se		id Rocket	
Y Airpi Ballo		Standar		d State		(Check all in		tractable		THE RESERVE	procating o Shaft		Rocket	
Blim Glide	p/Dirigible	Norm		tricted		Tricycle		T	ailwheel		o Prop		rid Rocket	
	plane		Aerobatic Limited Balloon Provision				ian	Н	igh Skid	gh Skid Turbo		None Unkr	nown	
	copter ered Lift	Comn		cial Flight			ncy F		kid					
Rock		Trans  Utility		erimental cial Light-Spe	mental VFloat I Light-Sport Hull				ki ki/Wheel	Fuel Sv	stem Type	(Reciprocati	ng)	
	light		Exp	erimental Lig	rimental Light-Sport Other Lau		aunc	h/Recovery Sys	stem		uretor		-Injected	
Unkr	lowii	Certificate None	e of Authorizati	on or Waiver Unknown	(COA)	None			Inknown					
								Date	Rated Pov	ver	Total	Time	Since:	
Engine	Engine Manufa	cturer	Engine Model/Series		CONTROL SERVICE	acturer's Number		of Mfg.  mm/dd/yyyy		power or Thrust	Time (hours)	Inspection (hours)	Overhaul (hours)	
Eng. 1	Lycomina	As a second	0-320-A	aB	L-44	1394-27	A	05/12/2001	160		1411.6	29.3	381.0	
Eng. 2	5		converte									R. 66		
Eng. 3			10-320	EAA			965	State of State	20 571 -534	Marie Ward				
Eng. 4	- G	ALMALI ES	1900	Propell	er 1	Fixed	Pitcl	h	Pron	eller 2		Fixed Pitch		
Last In	spection Type			Tropen				le Pitch	Пор	cher 2		Controllable		
100-H		inuous Airwo litional Inspe		Manufacuta	Manufacturer: McCouley Manufacturer: Ground Adjustable Ground Adjustable					ıstable				
AAIP	al Unkn	nown		Model	Manufacturer: 11 Caole 6 Model: 1A 175/GM 85									
Date La	ast Inspection:	05/04/2	2021		ELT Installed: YYes No					Additional Equipment (Check all that apply)				
	ne Total Time:	mmaavyy	hrs	If Yes:					AI	OS-B				
	s measured at (Se		999		ELT Manufacturer: AMERI-KING COR					Airframe Parachute Angle of Attack Indicator				
			ccident/Incident		Model or Part No.: AK-45/ TSO No.; C91 (121.5 MHz) C91a (121.5 MHz)					Autonilot				
Type of	Maintenance P	rogram (Se	elect one)	150 10.	VC126	(121.5 MHz) 5 (406 MHz)	C	714 (121.3 MH		ta Recorde	er ight Rag or	Handheld De	evice	
VAnnu				Was EL	Was FI T still mounted in aircraft? Ves No Electronic Multifunction Display									
	itional (Amateur-b facturer's Inspection			Was EL	Γ still con	nected to ant	enna	? YYes N	Ele		imary Fligh	ht Display		
Other	Approved Inspect	ion Program	(AAIP)		Activate	? Yes	No			ndheld GF ads Up Di				
THE RESERVE TO	nuous Airworthine , specify:	ess		Did ELT		ocating Aircr	aft:	Yes No	On	board We	ather	ne		
	tion of Fire Ext	inguishing	System	-	ctivated:	B		110	Sa	tellite Trac	king Device g System		andre -	
None		-BB		Indicate	Reason:	Impact D	ama	ge	Vi	deo Recor	ding Devic	e		
Spec	ify:			Nolv	npuct	Fire Dam		ad/D1	Oti	her, Specif	ty:			
Specify:  No Impact Fire Dama  Battery Ex  Unknown					-	ed/Damaged				<b>100</b>				

OWNER/OPERATOR INFORM	MATION						
Registered Aircraft Owner	being the Time of Assessment and	City: Eagle River					
Name: Leonard, Jan	nes P	State: Alaska	City: Eagle River  State: Alaska ZIP: 99577				
			ZIP: 99577				
Fractional Ownership Aircraft: Yes	No	Country: USA					
Operator of Aircraft Same As	Registered Owner	Same Address as Registered Owner					
Name:		City:	996				
Doing Business As:		State:	ZIP:				
Air Carrier/Operator Designator (4 Chara	acter Code):	Country:					
		Payanua Onanation 6 DAD 404	102 100 102				
Operating Certificates Held (Check all that apply)	Regulation Flight Conduct	Revenue Operation for FAR 121, (Select one for each group)	, 125, 129, 135				
None	VFAR 91 FAR 129	FAR 415 Scheduled or Commuter	Domestic				
Flag Carrier Operating Certificate (FAR 12		FAR 431 Non-Scheduled or Air Taxi	International				
Supplemental Air Corne	FAR 121 FAR 135	FAR 435 FAR 437					
Air Cargo Foreign Air Carriers (FAR 129)	FAR 125 FAR 137	Passenger					
Rotorcraft External Load (FAR 133)	FAR 91 Special Flight	Cargo					
Commuter Air Carrier (FAR 135)	Non-US, Commercial	Mail Contract Only					
On-Demand Air Taxi (FAR 135)	Non-US, Non-commercial						
Commercial Air Tour (FAR 136)		Purpose of Flight for FAR 91, 103	3, 133, 137				
Agricultural Aircraft (FAR 137)	Public Aircraft (Select one)	(Select one)					
Pilot School (FAR 141)  Certificate of Authorization or Waiver (CO	Armed Forces	Aerial Application Firefigh	ting Unknown				
Commercial Space Transportation		Aerial Observation Flight T					
Experimental Permit	State Local	Air Drop Glider T					
Commercial Space Transportation License		Air Race/Show Instruction Banner Tow Other W	ional Vork Use				
Other Operator of Large Aircraft	Unknown	Business Persona					
		Executive/Corporate Position					
	Air Medical Flight	External Load Skydivis					
The state of the s	Air Medical Klight	Form					
Revenue Sightseeing Flight		Ferry					
Revenue Sightseeing Flight Yes No	Yes \No	reny					
Yes \No	Yes \No		thin 3 miles of an airport)				
Yes No  AIRPORT INFORMATION (Fill	Yes No in if accident/incident occurred	on approach, landing, takeoff, departure, or wit					
AIRPORT INFORMATION (Fill Airport Name: Lake Hood	Yes No in if accident/incident occurred	on approach, landing, takeoff, departure, or wit  Distance From Airport Center:					
Yes No  AIRPORT INFORMATION (Fill	Yes No in if accident/incident occurred	on approach, landing, takeoff, departure, or wit					
AIRPORT INFORMATION (Fill Airport Name: Lake Hood	Yes No  in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip	on approach, landing, takeoff, departure, or wit  Distance From Airport Center:	sm				
AIRPORT INFORMATION (Fill Airport Name: Lake Hood Airport Identifier: PALH	in if accident/incident occurred  Seaplane Base	on approach, landing, takeoff, departure, or with Distance From Airport Center: Direction From Airport:	smdegrees true				
AIRPORT INFORMATION (Fill  Airport Name:Lake Hood  Airport Identifier:PALH  Proximity to Airport: Off Airport/Air  Runway Information	Yes No  in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip Water	on approach, landing, takeoff, departure, or with Distance From Airport Center: Direction From Airport:	smdegrees trueft. msl				
AIRPORT INFORMATION (Fill  Airport Name:Lake Hood  Airport Identifier:PALH  Proximity to Airport: Off Airport/Air  Runway Information	Yes No  in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip Water	on approach, landing, takeoff, departure, or wit  Distance From Airport Center: Direction From Airport: N/A Airport Elevation:	smdegrees trueft. msl  (Check all that apply)				
AIRPORT INFORMATION (Fill  Airport Name:Lake Hood  Airport Identifier:PALH  Proximity to Airport: Off Airport/Air  Runway Information  Runway ID:S(L/R/C) Length:	Yes No  in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip Water  1930 A Width: 200	on approach, landing, takeoff, departure, or wife  Distance From Airport Center: Direction From Airport: N/A Airport Elevation:  Condition of Runway/Landing Surface The Dry Snow-Compacted Snow-Crusted	smdegrees trueft. msl  (Check all that apply) Water-Calm Water-Choppy				
AIRPORT INFORMATION (Fill  Airport Name:Lake Hood  Airport Identifier:PALH  Proximity to Airport: Off Airport/Air  Runway Information  Runway ID:S(L/R/C) Length:  Runway/Landing Surface (Check all the	in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip Water  1930 A Width: 200  at apply)	on approach, landing, takeoff, departure, or with  Distance From Airport Center:  Direction From Airport:  Airport Elevation:  Condition of Runway/Landing Surface  Holes Snow-Compacted Holes Snow-Crusted Ice Covered Snow-Dry	degrees true  ft. msl  (Check all that apply)  Water-Calm Water-Choppy Water-Glassy				
Airport Name:Lake Hood Airport Identifier:PALH Proximity to Airport: Off Airport/Air  Runway Information Runway ID:S(L/R/C) Length: Asphalt Grass/Turf M.	Yes No  in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip Water  1930 ft Width: 200  at apply) acadam  Water	Distance From Airport Center:  Direction From Airport:  Airport Elevation:  Condition of Runway/Landing Surface  Holes Ice Covered Rough Snow-Crusted Snow-Wet	smdegrees trueft. msl  (Check all that apply) Water-Calm Water-Choppy				
Airport Name: Lake Hood Airport Identifier: PALH Proximity to Airport: Off Airport/Air  Runway Information Runway ID: S (L/R/C) Length:  Runway/Landing Surface (Check all the Asphalt Grass/Turf M. Concrete Gravel M.	in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip Water  1930 A Width: 200  at apply)	Distance From Airport Center:  Direction From Airport:  Airport Elevation:  Condition of Runway/Landing Surface  Bry Snow-Compacted Holes Snow-Crusted Ice Covered Snow-Dry Rough Snow-Wet Rubber Deposits Soft	smft. msl  c (Check all that apply)  Water-Calm Water-Choppy Water-Glassy Wet				
Airport Name: Lake Hood Airport Identifier: PALH Proximity to Airport: Off Airport/Air  Runway Information Runway ID: S (L/R/C) Length:  Runway/Landing Surface (Check all the Asphalt Grass/Turf M. Concrete Gravel	in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip Water  at apply) acadam etal/Wood	Distance From Airport Center:  Direction From Airport:  Airport Elevation:  Condition of Runway/Landing Surface  Holes Ice Covered Rough Snow-Crusted Snow-Wet	degrees true  ft. msl  (Check all that apply)  Water-Calm Water-Choppy Water-Glassy				
Airport Name:Lake Hood Airport Identifier:PALH Proximity to Airport: Off Airport/Air  Runway Information Runway/Landing Surface (Check all the Asphalt Grass/Turf M Concrete Gravel M Dirt Ice St	in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip Water  at apply) acadam etal/Wood ow Unknown	Distance From Airport Center:  Direction From Airport:  Airport Elevation:  Condition of Runway/Landing Surface  Bry Snow-Compacted Holes Snow-Crusted Ice Covered Snow-Dry Rough Snow-Wet Rubber Deposits Soft	smft. msl  c (Check all that apply)  Water-Calm Water-Choppy Water-Glassy Wet				
Airport Name: Lake Hood Airport Identifier: PALH Proximity to Airport: Off Airport/Air  Runway Information Runway ID: S (L/R/C) Length: Runway/Landing Surface (Check all the Asphalt Grass/Turf M. Concrete Gravel M. Dirt Ice Sr.  Approach/Departure Segment (Select of Approach/Departure Segment (Select of Check all the St.)	in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip Water  I 930 ft Width: 200  at apply) acadam etal/Wood now Unknown  one)	Distance From Airport Center:  Direction From Airport:  Airport Elevation:  Condition of Runway/Landing Surface  By Snow-Compacted Holes Snow-Crusted Ice Covered Snow-Dry Rough Snow-Wet Rubber Deposits Soft Slush-Covered Vegetation	smft. msl  c (Check all that apply) Water-Calm Water-Choppy Water-Glassy Wet Unknown				
AIRPORT INFORMATION (Fill  Airport Name:Lake Hood Airport Identifier:PALH  Proximity to Airport: Off Airport/Air  Runway Information  Runway ID:S(L/R/C) Length:  Runway/Landing Surface (Check all the Asphalt Grass/Turf M. Concrete Gravel M. Dirt Ice St.  Approach/Departure Segment (Select of Taxi VFR Departure)	in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip Water  I 930 ft Width: 200  at apply) acadam etal/Wood how Unknown  On Instrum	Distance From Airport Center: Direction From Airport: Airport Elevation:  Condition of Runway/Landing Surface Holes Snow-Crusted Ice Covered Snow-Dry Rough Snow-Wet Rubber Deposits Soft Slush-Covered Vegetation  ent Approach Downwind Low App					
Airport Name: Lake Hood Airport Identifier: PALH Proximity to Airport: Off Airport/Air  Runway Information Runway ID: S (L/R/C) Length: Runway/Landing Surface (Check all the Asphalt Grass/Turf McConcrete Gravel McDirt Ice Sr.  Approach/Departure Segment (Select of Taxi VFR Departure Proximity Proximity 1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (	in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip Water  I 930 ft Width: 200  at apply) acadam etal/Wood now Unknown  one)	Distance From Airport Center:  Direction From Airport:  Airport Elevation:  Condition of Runway/Landing Surface  Holes Snow-Compacted Ice Covered Snow-Dry Rough Snow-Wet Rubber Deposits Soft Slush-Covered Vegetation  ent Approach Downwind Base Go Arou	smdegrees trueft. msl  c (Check all that apply) Water-Calm Water-Choppy Water-Glassy Wet Unknown				
AIRPORT INFORMATION (Fill  Airport Name:Lake Hood Airport Identifier:PALH  Proximity to Airport: Off Airport/Air  Runway Information  Runway ID:S(L/R/C) Length:  Runway/Landing Surface (Check all the Asphalt Grass/Turf M. Concrete Gravel M. Dirt Ice St.  Approach/Departure Segment (Select of Taxi VFR Departure)	in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip Water  I 930 ft Width: 200  at apply) acadam etal/Wood how Unknown  On Instrum	Distance From Airport Center:  Direction From Airport:  Airport Elevation:  Condition of Runway/Landing Surface  Holes Snow-Compacted Ice Covered Snow-Dry Rough Snow-Wet Rubber Deposits Soft Slush-Covered Vegetation  ent Approach Downwind Base Go Arou	smft. msl  c (Check all that apply) Water-Calm Water-Choppy Water-Glassy Wet Unknown  proach and Landing (after touchdown)				
Airport Name: Lake Hood Airport Identifier: PALH Proximity to Airport: Off Airport/Air  Runway Information Runway ID: S (L/R/C) Length: Runway/Landing Surface (Check all the Concrete Gravel M Dirt Ice Sr.  Approach/Departure Segment (Select of Taxi Takeoff IrR Departure P Initial Climb	in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip Water  I 930 ft Width: 200  at apply) acadam etal/Wood how Unknown  On Instrum	Distance From Airport Center: Direction From Airport: Airport Elevation:  Condition of Runway/Landing Surface Holes Snow-Compacted Ice Covered Snow-Dry Rough Snow-Wet Rubber Deposits Soft Slush-Covered Vegetation  ent Approach Downwind Low App Base Go Arou Final Aborted Crosswind Unknow	smft. msl  c (Check all that apply) Water-Calm Water-Choppy Water-Glassy Wet Unknown  proach and Landing (after touchdown)				
Airport Name: Lake Hood Airport Identifier: PALH Proximity to Airport: Off Airport/Air  Runway Information Runway ID: S (L/R/C) Length:  Runway/Landing Surface (Check all the Concrete Gravel M. Dirt Ice St.  Approach/Departure Segment (Select of Taxi VFR Departure Takeoff Initial Climb  IFR Approach (Check all that apply)	in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip Water  I 930 ft Width: 200  at apply) acadam etal/Wood how Unknown  On Instrum	Distance From Airport Center:  Direction From Airport:  Airport Elevation:  Condition of Runway/Landing Surface  Holes Snow-Compacted Ice Covered Snow-Dry Rough Snow-Wet Rubber Deposits Soft Slush-Covered Vegetation  ent Approach Downwind Low Apples Base Go Arou Final Aborted Crosswind Unknow  VFR Approach (Check all that apply)	smft. msl  c (Check all that apply) Water-Calm Water-Choppy Water-Glassy Wet Unknown  proach and Landing (after touchdown)				
Airport Name: Lake Hood Airport Identifier: PALH Proximity to Airport: Off Airport/Air  Runway Information Runway ID: S (L/R/C) Length: Runway/Landing Surface (Check all the Concrete Gravel M Dirt Ice Sr.  Approach/Departure Segment (Select of Taxi VFR Departure Proximital Climb	in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip Water  I 930 ft Width: 200  at apply) acadam etal/Wood how Unknown  On Instrum	Distance From Airport Center: Direction From Airport: Airport Elevation:  Condition of Runway/Landing Surface Holes Snow-Compacted Ice Covered Snow-Dry Rough Snow-Wet Rubber Deposits Soft Slush-Covered Vegetation  ent Approach Downwind Low App Base Go Arou Final Aborted Crosswind Unknow	smft. msl  c (Check all that apply) Water-Calm Water-Choppy Water-Glassy Wet Unknown  proach and Landing (after touchdown)				
Airport Name: Loke Hood Airport Identifier: PALH Proximity to Airport: Off Airport/Air  Runway Information Runway ID: S (L/R/C) Length:  Runway/Landing Surface (Check all the Concrete Gravel M Dirt Ice Sr.  Approach/Departure Segment (Select of Taxi VFR Departure Takeoff IrR Departure Plinitial Climb  IFR Approach (Check all that apply)  None  ADF/NDB PAR	in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip Water  I 930 ft Width: 200  at apply) acadam etal/Wood how Unknown  On Instrum	Distance From Airport Center: Direction From Airport: Airport Elevation:  Condition of Runway/Landing Surface Holes Snow-Compacted Ice Covered Snow-Dry Rough Snow-Wet Rubber Deposits Soft Slush-Covered Vegetation  ent Approach Downwind Low Apples Go Arou Final Aborted Crosswind Unknow  VFR Approach (Check all that apply) None					
Airport Name: Lake Hood Airport Identifier: PALH Proximity to Airport: Off Airport/Air  Runway Information Runway ID: S (L/R/C) Length:  Runway/Landing Surface (Check all the Asphalt Grass/Turf M. Concrete Gravel M. Dirt Ice Sr.  Approach/Departure Segment (Select of Taxi Takeoff IrR Departure IFR Departure P. Initial Climb  IFR Approach (Check all that apply)  None  ADF/NDB PAR SDF Sidestep	in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip Water  I 930 ft Width: 200  at apply) acadam etal/Wood now Unknown  MLS LDA  Practic GPS	Distance From Airport Center: Direction From Airport: Airport Elevation:  Condition of Runway/Landing Surface Holes Snow-Compacted Ice Covered Snow-Dry Rough Snow-Wet Rubber Deposits Soft Slush-Covered Vegetation  ent Approach Downwind Low Apples Go Arou Final Aborted Crosswind Unknow  VFR Approach (Check all that apply) None					
Airport Name: Lake Hood Airport Identifier: PALH Proximity to Airport: Off Airport/Air  Runway Information Runway ID: S (L/R/C) Length: Runway/Landing Surface (Check all the Asphalt Grass/Turf M Concrete Gravel M Dirt Ice Str.  Approach/Departure Segment (Select of Taxi VFR Departure Takeoff IrR Departure P Initial Climb  IFR Approach (Check all that apply)  None  ADF/NDB PAR SDF Sidestep VOR/TVOR ILS	in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip Water  1930 ft Width: 200  at apply) acadam etal/Wood now Unknown  MLS Practic LDA ASR  MIS Practic GPS	Distance From Airport Center: Direction From Airport: N/A Airport Elevation:  Condition of Runway/Landing Surface Holes Snow-Compacted Ice Covered Snow-Dry Rough Snow-Wet Rubber Deposits Soft Slush-Covered Vegetation  ent Approach Downwind Low Apples Go Arou Final Aborted Crosswind Unknow  VFR Approach (Check all that apply) None  Traffic Pattern Straight-In Valley/Terrain Following					
Airport Name: Lake Hood Airport Identifier: PALH Proximity to Airport: Off Airport/Air  Runway Information Runway ID: S (L/R/C) Length: Runway/Landing Surface (Check all the Concrete Gravel M Dirt Ice Str.  Approach/Departure Segment (Select of Taxi VFR Departure Takeoff IFR Departure Pinitial Climb  IFR Approach (Check all that apply) None  ADF/NDB PAR SDF Sidestep VOR/TVOR ILS VOR/DME Localizer Only	in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip Water  1930 ft Width: 200  at apply) acadam etal/Wood aw Unknown  MLS rocedure/Clearance VLanding  MLS ASR Visual	Distance From Airport Center: Direction From Airport: N/A Airport Elevation:  Condition of Runway/Landing Surface Holes Snow-Compacted Ice Covered Snow-Dry Rough Snow-Wet Rubber Deposits Soft Slush-Covered Vegetation  Tent Approach Downwind Low Apple Base Go Arou Final Aborted Crosswind Unknow  VFR Approach (Check all that apply) None  Traffic Pattern Straight-In Valley/Terrain Following Go Around					
Airport Name: Lake Hood Airport Identifier: PALH Proximity to Airport: Off Airport/Air  Runway Information Runway ID: S (L/R/C) Length: Runway/Landing Surface (Check all the Asphalt Grass/Turf M Concrete Gravel M Dirt Ice Str.  Approach/Departure Segment (Select of Taxi VFR Departure Takeoff IrR Departure P Initial Climb  IFR Approach (Check all that apply)  None  ADF/NDB PAR SDF Sidestep VOR/TVOR ILS	in if accident/incident occurred  Seaplane Base  strip Von Airport/Airstrip Water  1930 ft Width: 200  at apply) acadam etal/Wood aw Unknown  MLS rocedure/Clearance VLanding  MLS LDA ASR Visual	Distance From Airport Center: Direction From Airport: N/A Airport Elevation:  Condition of Runway/Landing Surface Holes Snow-Compacted Ice Covered Snow-Dry Rough Snow-Wet Rubber Deposits Soft Slush-Covered Vegetation  ent Approach Downwind Low Apples Go Arou Final Aborted Crosswind Unknow  VFR Approach (Check all that apply) None  Traffic Pattern Straight-In Valley/Terrain Following					

"FLIGHT CREWMEMB	ER 1" INF	ORMATIC	ON	Section of the second							
"Flight Crewmember 1" Resp	Student Pilot	Flight I	nstructor	ident Check Pilot	Fligh	t Engineer	Other Fl	ight Crew			
"Flight Crewmember 1" was	pilot flying	YYes N	lo								
"Flight Crewmember 1" Iden							1				
First Name: Stephe	20	•			City of Res	sidence:	Anchor	age			
Middle Initial:					State: A	aska	Z	IP: 99	515		
Last Name: Leonar	d					USF					
Age at time of A	ccident/Incide	ent: 51	Date of B	irth:	1969	m	n/dd/yyyy				
		C	ertificate Num	ber:							
Degree of Injury	Seat Occup	oied		Res	straint Ty	pe		I	flatable R	estraints	
None Fatal	VLeft	Front	Unknow	vn	Available		Used				
Minor Unknown Serious	Right Center	Rear Single			None		None		Not Inst	AND THE PERSON	
Pilot Certificate(s) (Check all t	343000000000000000000000000000000000000	Single			Lap or 3-poin		Lap only 3-point		Installed Not Dep	The same of the sa	
None Flight Ins		Commercial	US Mi	litary	V4-poin		V4-point		Deploye	d	
Private Recreation		Airline Transp			5-poin Unkno		5-point Unknown		Unknow	'n	
Student Sport		Flight Enginee	er		Olikiic	JWII	CHRIOW				
Principal Occupation M	edical Certifi	cate		Me	edical Cer	tificate Val	lidity	I	ate of Las	t Medical	
Pilot	None	Class 3				itations/waiv	ASSES	known	-11		
Other	Class 1		ense (Sport Pilot	Omy)		tions/waivers	N/	A .	05/27/2 mm/dd/yy	<u>20</u> 21	
	Class 2	Unknown			Special Issu	ance			mmaayy	уу	
Medical Certificate Limitatio	ns										
Must wear c	orrectiv	re lens.	es.								
Medical Certificate Special Is	suance										
Date of Last Flight Review		Fligh	t Review Airc	raft							
or Equivalent, Including	, ,		Δ.								
FAR 121/135 Checks: 05	5/27/202			A-14							
	mm/dd/yyyy	Mode				T	D - 4' (-)				
(Check all that apply)	Other Aircra (Check all that a			ent Rating(s I that apply)	s)	Instructor Rating(s) (Check all that apply)					
None None	None	TF-97	None	· · · · · · · · · · · · · · · · · · ·		None	mai appiy)		Instrument Airplane		
→ Single-Engine Land	Airship			Airplane			Airplane Single-Engine			Instrument Helicopter	
✓ Single-Engine Sea ✓ Multiengine Land	Balloon Glider		Helico	opter red Lift		Airplan Gyropla	e Multi-Engir	ne	Helicopter Glider		
Multiengine Sea	Gyroplane		Tower	CO LIII		Powere			Sport		
	Helicopter Powered Lif										
Type Ratings	1 Owcied Lil					Student I	Endorsemen	ts (Include o	lates)		
Type Immeg						Student	Muorsemen	(			
Flight Time (Enter appropriate	All	This Make	Airplane Single	Airplane		Inst	rument			Lighter	
number of hours in each box)	Aircraft	& Model	Engine	Multiengine	-	Actual	Simulated	Rotorcraft	Glider	Than Air	
Total Time	1900.0	304.1	1877. a	22.8	37.1		43.7				
Pilot in Command (PIC)	1826.2	304.1	1818.7	1.7	34.1						
Time as Instructor											
This Make/Model		A CONTRACTOR OF THE PARTY OF TH			Land and	Li Roman					
I + 00 D	92 M	330	MYCOT	22 2	, ,						
Last 90 Days  Last 30 Days	92.0	33.8	69.7 34.9		1.1						

"FLIGHT CREWMEMB	ER 2" INFORI	MATIO	N								
"Flight Crewmember 2" Resp	onsibilities at the	Time of A	ccident/Incid	lent							
Pilot Co-Pilot	Student Pilot	Flight Inst	tructor C	Check Pilot	Fligh	ht Engineer	Other Fl	ight Crew			
"Flight Crewmember 2" was p	pilot flying Yo	es N	lo								
"Flight Crewmember 2" Ident											
First Name:		CHESTY		_ (	City of Res	sidence:		1-32-3646			
Middle Initial:					State:		ZI	P:			
Last Name:							and the last of th				
	ccident/Incident:	Application and	Date of Birt				/dd/yyyy	N. S.			
rige at time of the	eident meident.						,,,,,				
Degree of Injury	Seat Occupied	Ceru	ificate Numbe		straint T	vne	April		I. C. t. bl. T	) octupints	
None Fatal	Left	Front	Unknown	44 10 4 10 4			S-recise .	3.70	Inflatable F	estraints	
Minor Unknown	Right	s toridan la	C) Sept I	Availabl		Used None	Under	Not Inst	allad		
Serious	Center	Single			Lap		Lap only		Not Inst		
Pilot Certificate(s) (Check all ti	hat apply)				3-poi		3-point		Not Dep		
None Flight Ins	tructor Comm	nercial	US Mili	itary	4-poi 5-poi		4-point		Deploye		
Private Recreation Student Sport		e Transpor	t Foreign		Unkn		5-point Unknown	n	Unknov	VII	
Student Sport	riign	t Engineer		200			Bizza	203/6			
Principal Occupation Me	edical Certificate	cleure		M	edical Ce	rtificate Val	idity	10000	Date of Las	t Medical	
Pilot	None Clas	ss 3			Without lin	nitations/waiv	ers Un	known			
Other			se (Sport Pilot o	only)		ations/waivers	N/A	A	/11/6-		
Unknown	Class 2 Unl	cnown		No history	Special Iss	uance	A relable 1946		mm/dd/yy	yy	
Date of Last Flight Review or Equivalent, Including			Review Aircr	aft							
FAR 121/135 Checks:		Make: _	-	A COLUMN							
	mm/dd/yyyy	Model:									
tru brance remain P(n)	Other Aircraft Ra			nt Rating	(s)	Instructor					
1,	(Check all that apply)	Obe		that apply)		(Check all th	nat apply)				
None Single-Engine Land	None Airship			None Airplane			None Airplane Single-Engine		Instrument Airplane Instrument Helicopter		
Single-Engine Sea	Balloon		Helicop			Airplane Multi-Engine			Helicopter		
Multiengine Land	Glider		Powere	d Lift		Gyroplar			Glider		
Multiengine Sea	Gyroplane Helicopter					Powered	Lift		Sport		
	Powered Lift		i ilibery	r i Paul							
Type Ratings		TAber	th their	No.		Student E	lent Endorsements (Include dates)				
										or I. had Bertrina	
Flight Time (Enter appropriate	All Th	is Make	Airplane Single	Airplane		Inst	rument			Lighter	
number of hours in each box)		Model	Engine	Multiengin	the state of the s	t Actual	Simulated	Rotorcraft	Glider	Than Air	
Total Time											
Pilot in Command (PIC)								1			
Time as Instructor			A Rock	1 800				Teal of			
This Make/Model											
Last 90 Days											
Last 30 Days					- 3						
Last 24 Hours		2 1 1 1 1 1 1								- Indiana	

ADDITIONAL FLIG	HI CKEWMEMBE	Exclusi	ve of cabin cre	w, complete	ule following	Information)		
Crew Name and Addr	ess		ne la persona			Seat Occupied	d	Injury
Middle Initial:	irst Name: City of Residence: Left Front Center Rear Right Single ast Name: Country: Unknow						Rear	None Minor Serious Fatal Unknown
Pilot Certificate(s) (C)  None Private Student  Type Rating/Endorses	Flight Instructor Recreational Sport	Commercial Airline Tran Flight Engir	sport Fore	Military eign the Time		Restraint Typ Available None Lap Only 3-point 4-point 5-point	** .	Inflatable Restraints Not Installed Installed Not Deployed Deployed
Accident/Incident Air			Accident/Incid		hrs	Unknown	Unknown	Unknown
Crew Name and Addr	ess					Seat Occupied	d	Injury
First Name:  Middle Initial:  Last Name:		State:	dence: Z	ZIP:		Left Center Right	Front Rear Single Unknown	None Minor Serious Fatal Unknown
Pilot Certificate(s) (C	heck all that apply)	Service Service		Direction	Bern Ausbern	Restraint Typ		Inflatable
None Private Student	Flight Instructor Recreational Sport	Commercial Airline Tran Flight Engin	nsport Fore	Military eign	Brown and the state of the stat	Available None Lap Only 3-point 4-point	None Lap Only 3-point 4-point	Restraints  Not Installed Installed Not Deployed
Type Rating/Endorse Accident/Incident Air		A STATE OF THE PARTY OF	Flight Time at Accident/Incident		hrs	5-point Unknown	5-point Unknown	Deployed Unknown
PASSENGER(S) /	OTHER PERSON	NEL (Include	cabin crew; co	ontinue on se	eparate sheet	if necessary)	Street Street	
Name and Address			Seat	Injury	Restraint T	ype	Inflatable Restraints	Age
First Name:  Middle Initial:  Last Name:  Crew	City : ZIF State: ZIF Country: Passenger		Left Center Right Unknown Row:	None Minor Serious Fatal Unknown	Available None Lap Only 3-point 4-point 5-point Unknown	None Lap Only 3-point 4-point 5-point Unknown	Not Installed Installed Not Deployed Deployed Unknown	Under 5 years  If Under 5,  Child Restraint Lap-Held Unknown
First Name:  Middle Initial:  Last Name:  Crew	State: ZIF	):	Left Center Right Unknown Row:	None Minor Serious Fatal Unknown	Available None Lap Only 3-point 4-point 5-point Unknown	3-point 4-point 5-point	Not Installed Installed Not Deployed Deployed Unknown	Under 5 years
First Name:  Middle Initial:  Last Name:  Crew	State: ZIF	):	Left Center Right Unknown Row:	None Minor Serious Fatal Unknown	Available None Lap Only 3-point 4-point	Used None Lap Only 3-point 4-point 5-point	Not Installed Installed Not Deployed Deployed Unknown	Under 5 years
					Available	Used		

FLIGHT ITINERARY I	NFORMATIC	N		PERSONAL PROPERTY.				
Last Departure Point		ne of Departure	Destinati			Type Flight	Plan File	d
Airport ID: PALH	Abrevall		Airport ID:	PALH		VNone		VFR/IFR
A	Tim	ie:	City: A	nchorage		Company		IFR
City: Anchorage	- to 100		1	, ,	The Rendered	Military V	FR	Unknown
State: Aloska	Tim	ne Zone:		lugka		VFR		No Unknow
Country: USA			Country: _	USA		Activated?	Yes	No Unknow
Type of ATC Clearance/Ser	vice (Check all tha	t apply)						
None VVFR	Special VFR IFR	AND RESERVED TO SELECT THE PROPERTY OF THE PRO	cial IFR R On Top		VFR Flight Follow Traffic Advisory	ving	Cruise Unknow	n/NA
Airspace where the accident	/incident occurre		D. C.				Altitude	of In-Flight
Class A	Class G		itary Operations		Special		Occurren	
	Demo Area		ort Advisory A	rea	Air Traffic Control Unknown	Area	150	O ft msl
	Warning Area	TRS	Training Area		Ulkliowii		150	Tt msi
	Prohibited Area Restricted Area	FAR						
WEATHER INFORMA	THE OWNER WHEN PERSON AND ADDRESS OF THE PERSON ADDR	The second secon	The second second second second second	T SITE				
Source of Pilot Weather Info		L ACCIDENT	MINOIDER	the state of the s	ervation Facility	Park Laborator	L. C. SCHOOL	
(Check all that apply)	n mation		shala Astroda	BELLIN DOWN LINE	The British State of the State			
National Weather Service	Con	mpany						
Flight Service Station		litary		Observation Tim	ne:			
TV/Radio		ernet		Time Zone:		T Park		
Automated Report	Non	ne		Distance from A	ccident Site:	C. L.	nm	
Commercial Weather Service	(DUATS) Unl	known						
On-Board Weather		I v v o vu		Direction from A	accident Site:	C KIRL IV	degrees true	
Basic Conditions		Light Condition		D. 1.1	T. L. TI. L			
VMC		Dawn	Dusk	Dark I		iown		
IMC Unknown		VDay	Night	Bright	Night			
		0.11						10
Sky/Lowest Cloud Condition		Ceiling			Temperature: _	((	c) or 6	(F)
Clear	Thin Broken	None (Clear)		Obscured	Dew Point:	(C)	~ 40	7° (F)
Few Partial Obscuration	Thin Overcast Unknown	Broken Overcast		Indefinite Unknown				(1)
Scattered	CIIKIIOWII	Overcast		Olikilowii	Altimeter Settin	g: <u>29.8</u>	in. Hg	
Lowest Cloud Condition He	ight	Ceiling Height	***			or	MB	
greater than 6000	ft agl	Coming Morgan		ft agl				
31 001 1100								
Wind Direction	Wind Speed		Wind Gusts	Acit in	Visibility	10+	miles	
Variable	Calm		Not Gustin	g	RVR:		feet	
	Light and Vari	able						
-or-	-or-		-or-		RVV:_		_miles	
Direction: 150 degrees true	Speed: /3	kts	Speed:	kts	Density Altitude	:	ft	
Intensity of Precipitation	Type of Precipit	tation (Check all th	nat apply)		Restriction to Vi	sibility (Che	eck all that a	apply)
Light	None	Drizzle	Freezing	g Rain	None	Fo	g	
Moderate	Rain	Ice Pellets	Snow Sl	nower	Blowing Dust	Gr	ound Fog	
Heavy	Snow	Snow Pellets		ets Shower	Blowing Sand		ze	
N/A	Hail	Snow Grains	Freezing	g Drizzle	Blowing Snow		Fog	
Unknown	Rain Showers	Ice Crystals			Blowing Spray Dust		noke iknown	
Icing Forecast		Icing Actual				O.	and was	
Amount Type		Amount	Туре		Turbulence	d (L.)	Severi	tar
None N/A		VNone	N/A		Type (Check all a	nat apply)	Ligh	•
Trace Rime		Trace	Rime		Clear Air			lerate
Light Clear		Light	Clear		Terrain-Induce	d	Seve	ere
Moderate Mixed		Moderate	Mixed		Convective Tu	rbulence	Extr	eme
Severe Unknown		Severe	Unkn	own				
Unknown		Unknown						
NOTAMs (D and FDC), A								

DAMAGE TO AIRCRAFT AND OTHER PROPERTY

Aircraft Damage

None Substantial
Minor Destroyed

Substantial Aircraft Fire

Unknown

In-Flight On-Ground Both Ground and In-Flight Fire at Unknown Time Unknown

VNone 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)

Rudder bent over inflight. It bent to the left above the top hinge.

## 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.

I was in level cruise returning to the airport. The aircraft reacted as if it was getting light turbulent wind off of the mountian tops. Frequent left and right rudder inputs were required to keep the ball in the center, similar to landing a tail wheel aircraft on a paved surface. Then yawing began to get worse with slight elevator adjustments to maintain altitude. Degan to escillation stopped and very large right rudder input was required then the oscillation stopped and very large right rudder input was required to maintain the corse heading. I determined it would be best to use minimal control inputs with only turns to the Left to get the aircraft on final approach. Decided to increase final approach speed by 10 mph for precautionary measures and landed without incidents

	accidentincident nav	re been prevented?)	Harris Land			
Operator/Owner Safety Recommendation						
MECHANICAL MALFUNCTION	THE RESIDENCE OF THE PARTY OF T	space is needed, cor	iunue on separa	ite sneet)	T-A-LT:	10-1
Was there Mechanical Malfunction/Failu (If yes, list the name of the part, manufacturer, pa	rt no., serial no., and desc	cribe the failure.)			Total Time On Part	Cycles
01 11 0 11 - + 01	- has 406	22-07			2691.1	Hours
PA-14 Rudder part nu Rudder bent over inflie	by the ben	dure to the	left - how	. the top		Cycles
Rudder bent over intil	Mr The Deni	, was 10 146	ACTI CIPOV	0 1	Time Since	This Dant
The rudder was overhau coated, covered and	led in 2001.	Sandblastec	l, inspect	ed, powder	Inspected/	Overhauled
The popular ord	381.0					
contect, coverter are.					20110	Hours
coated, coverter are					301.0	Hours
FUEL & SERVICES INFORMATI					301.0	Hours
FUEL & SERVICES INFORMATI Fuel on Board at Last Takeoff	ON Fuel Type				301.0	Hours
FUEL & SERVICES INFORMATION  Fuel on Board at Last Takeoff  (Convert from pounds, as necessary)	ON	115/145 Jet A	Jet B JP8	Other, specify _	301.0	Hours
FUEL & SERVICES INFORMATION Fuel on Board at Last Takeoff (Convert from pounds, as necessary)  QO  Gallons	Fuel Type  80/87 100 Low Lead 100/130	115/145	Jet B		301.0	Hours
FUEL & SERVICES INFORMATION Fuel on Board at Last Takeoff (Convert from pounds, as necessary)	Fuel Type  80/87 100 Low Lead 100/130	115/145 Jet A	Jet B JP8		301.0	Hours
FUEL & SERVICES INFORMATION Fuel on Board at Last Takeoff (Convert from pounds, as necessary)  QO  Gallons	Fuel Type  80/87 100 Low Lead 100/130	115/145 Jet A	Jet B JP8		301.0	Hours
FUEL & SERVICES INFORMATION Fuel on Board at Last Takeoff (Convert from pounds, as necessary)  QO Gallons  Other Services, if Any, Prior to Departure  EVACUATION OF AIRCRAFT  Was an emergency evacuation of the aircr	Fuel Type 80/87 100 Low Lead 100/130	115/145 Jet A Jet A-1  Yes \No	Jet B JP8 Automotive		301.0	Hours
FUEL & SERVICES INFORMATION Fuel on Board at Last Takeoff (Convert from pounds, as necessary)  QO Gallons  Other Services, if Any, Prior to Departure  EVACUATION OF AIRCRAFT	Fuel Type 80/87 100 Low Lead 100/130	115/145 Jet A Jet A-1  Yes \No	Jet B JP8 Automotive		301.0	Hours
FUEL & SERVICES INFORMATION of Board at Last Takeoff (Convert from pounds, as necessary)  QO Gallons  Other Services, if Any, Prior to Departure  EVACUATION OF AIRCRAFT  Was an emergency evacuation of the aircr  Method of Exit – Describe how the occupant	Fuel Type 80/87 100 Low Lead 100/130	115/145 Jet A Jet A-1  Yes \No	Jet B JP8 Automotive		301.0	Hours
FUEL & SERVICES INFORMATION Fuel on Board at Last Takeoff (Convert from pounds, as necessary)  QO Gallons  Other Services, if Any, Prior to Departure  EVACUATION OF AIRCRAFT  Was an emergency evacuation of the aircr	Fuel Type 80/87 100 Low Lead 100/130	115/145 Jet A Jet A-1  Yes \No	Jet B JP8 Automotive		301.0	Hours
FUEL & SERVICES INFORMATION Board at Last Takeoff (Convert from pounds, as necessary)  20 Gallons  Other Services, if Any, Prior to Departure  EVACUATION OF AIRCRAFT  Was an emergency evacuation of the aircr  Method of Exit – Describe how the occupant	Fuel Type 80/87 100 Low Lead 100/130  aft performed? ts exited and how man	115/145 Jet A Jet A-1  Yes No  ny occupants evacuated	Jet B JP8 Automotive  d each location	Other, specify		Hours
FUEL & SERVICES INFORMATION on Board at Last Takeoff (Convert from pounds, as necessary)  QO Gallons  Other Services, if Any, Prior to Departure  EVACUATION OF AIRCRAFT  Was an emergency evacuation of the aircr  Method of Exit – Describe how the occupant  Normal exit	Fuel Type 80/87 100 Low Lead 100/130  Aft performed?  Its exited and how man	115/145 Jet A Jet A-1  Yes No  ny occupants evacuated	Jet B JP8 Automotive  d each location	Other, specify	aft)	
FUEL & SERVICES INFORMATION on Board at Last Takeoff (Convert from pounds, as necessary)  QO Gallons  Other Services, if Any, Prior to Departure  EVACUATION OF AIRCRAFT  Was an emergency evacuation of the aircr  Method of Exit – Describe how the occupant  Normal exit	Fuel Type 80/87 100 Low Lead 100/130  Aft performed?  Its exited and how man	115/145 Jet A Jet A-1  Yes No  ny occupants evacuated	Jet B JP8 Automotive  d each location	Other, specify	aft) amage to Other Destroyed	er Aircraft Minor
FUEL & SERVICES INFORMATION OF BOARD AND AND AND AND AND AND AND AND AND AN	Fuel Type 80/87 100 Low Lead 100/130  Aft performed?  Its exited and how man	115/145 Jet A Jet A-1  Yes No  ny occupants evacuated  ollision occurred, con	Jet B JP8 Automotive  d each location	Other, specify	raft) amage to Othe	r Aircraft
FUEL & SERVICES INFORMATION OF Board at Last Takeoff (Convert from pounds, as necessary)  QO Gallons  Other Services, if Any, Prior to Departure  EVACUATION OF AIRCRAFT  Was an emergency evacuation of the aircr  Method of Exit – Describe how the occupant  Normal exit  OTHER AIRCRAFT – COLLISIO  Aircraft Registration Number Manufact  Model:  Registered Owner of Other Aircraft	Fuel Type 80/87 100 Low Lead 100/130  Aft performed?  Its exited and how man	115/145 Jet A Jet A-1  Yes No  ny occupants evacuated  ollision occurred, con	Jet B JP8 Automotive  d each location  The property of the control	Other, specify	aft) amage to Other Destroyed	er Aircraft Minor
FUEL & SERVICES INFORMATION on Board at Last Takeoff (Convert from pounds, as necessary)  20 Gallons  Other Services, if Any, Prior to Departure  EVACUATION OF AIRCRAFT  Was an emergency evacuation of the aircr  Method of Exit – Describe how the occupant  Normal exit  OTHER AIRCRAFT – COLLISIO  Aircraft Registration Number Manufact	Fuel Type 80/87 100 Low Lead 100/130  Aft performed?  Its exited and how man	115/145 Jet A Jet A-1  Yes No  ny occupants evacuated  Pilot of C	Jet B JP8 Automotive  deach location  The property of the control	Other, specify	aft) amage to Other Destroyed	er Aircraft Minor

ADDITIONAL INFO	PRMATIC	N (Please type or print in ink)			
Use this space if additi	ional space	is needed for any answers.			
					1
I HEREBY CERTIFY	THAT TH	HE ABOVE INFORMATION IS COMPLI	ETE AND ACCURATE TO THE	BEST OF MY KNOWLEDGE	
Date of this Report	Name of	Pilot/Operator: Stephem P	Leonard		
07/29/2021	Signature				
mm/dd/yyyy	- or -	Check here to electronically sign this	document		
If a Person Other tha	n Pilot/On	erator is Filing Report			
			Title:		-
	took too				
- or - Cl	neck here to	electronically sign this document			
	The second	FOR NTSB	USE ONLY		
NTSB Accident/Incid	The state of the s	Reviewed by NTSB Regional Office	Name of Investigator	Date Report Receive	d
ANCZILA06	4	ALASKA	5. WILLIAMS	7/31/2021	