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

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

BASI	C INFORMA	ATION					C)			Date:			
Accide	nt/Incident Log	ation				410	Ac	ccident/Incid	ent Date/	Гіте	Antonia (partie) Martinia e e e e e e		(4)
Nearest City/Place: Rhave State: ND ZIP: 58623 Country: US						Da	te: 1(/0	7/20	20 Lo	cal Time:	1400		
ZIP: 5	8653	Country:	US					mm/de	Uyyyy			MST	
Latitude:	46.232	506	Longitude: 103	. 623	4+1					111	me Zone: _	1112	
	(Enter in decima	al degrees or a	legrees:minutes:se	conds)			Co	ollision with	Other Air	eraft: C) Midair	OOn-groun	d Ø None
AIRC	AIRCRAFT INFORMATION												
Registr	ation Number: acturer:	208	1 G				8 9	☐ IFR-Equip					
	17 0	DUNIVO	(2 C /					Unmanned				*************************	***************************************
Model:		· Crille					M	laximum Gr	oss Weigh	t: 22	200	lbs	
	Number:	17 0	03				10	eight at Tin					lbs
Year of	Manufacture:	_ 20	03		(action of		N	umber of Se	ats:7		Flight Cr	ow Seats:	
Amateu	ır-Built: OYes		OKit/Plans Ma	ke:		-	Ca	abin Crew Seat	s:		Passenger	r Seats:	
	Ø No	(Original Design				Nı	umber of En	gines:	1			
Category of Aircraft Airplane OBalloon OBlimp/Dirigible OGlider OGyroplane Helicopter OPowered Lift Type of Airworthiness Co (Check all that apply) Standard Special Normal Aerobatic Limite Dalloon Provis Commuter Special Normal Restric Aerobatic Limite Commuter Special Tensport			icted cd Tricycle sional Amphibi.			Act apply) Retractable Tailwheel Turbo Prop Turbo Jet ONe			OLiqui OSolid	id Rocket			
ORocke OUltral		☐ Utility		al Light-Sport				□Sk	ti/Wheel	Fuel Sys	System Type (Reciprocating)		
OUnkn		C ertificate					ınch	Recovery Sys	tem	O Carbi	uretor	Fuel-	Injected
		None		Unknown		☐ None			nknown			-	
- //			Engine		Manuf	acturer's		Date of Mfg.	O Horse		Total Time	Time Inspection	
Engine	Engine Manufa	The same of the sa	Model/Series	Serial Number			mm/dd/yyyy O lbs of Thrust (h		(hours)	(hours)	(hours)		
Eng. 1	Lycom	149	410.36	0-DIA	40	94751	1-1	4/03	19	0	2006	20	450
Eng. 2 Eng. 3	***************************************						\dashv		******************************	-			
Eng. 4							\dashv		and the state of t				
	spection Type		<u> </u>	Propelle	er 1	OFixed P			Propo	eller 2	_	Fixed Pitch	
O100-H	_	inuous Airwo	orthiness	OGround			d Adjustable OGround Adju			Controllable I Ground Adius			
OAAIP	OCon	ditional Inspec		Manufacturer:				Manufacturer:				****	
Annua	al OUnki	Tale	2070	Model:				Model:					
Date La	st Inspection:	mm/dd/yy	vv	ELT Ins	stalled:	OYes 0	No		Additio	nal Equi	ipment (Check all that	apply)
Airfran	ne Total Time:			If Yes:				□ ADS-B □ Airframe Parachute					
1 2	s measured at (S	_		Model or		er:			Ang	le of Attac	ck Indicato	r	
TSO No.						(121.5 MHz) C) C9	1a (121.5 MHz	Aut		•		
Type of Maintenance Program (Select one) OC126 (406 M						26 (406 MHz) Electronic Flight Bag or Handheld Device						vice	
() ('onditional (Amateur-huilt only)						unted in aircra					ltifunction	•	
O Manufacturer's Inspection Program Was El					Vas ELT still connected to antenna? OYes ONo Id ELT Activate? OYes ONo Id ELT Activate? OYes ONo								
O Other Approved Inspection Program (AAIP) O Continuous Airworthiness If active										ds Up Dis oard Wea			
	, specify:			Did ELT	Aid in L	ocating Aircra	ft:	OYes ONo	8		iner king Device	e	
	tion of Fire Ex	tinguishing	System	If not ac					1	l Warning	Street Street Street Street		
None O Speci				Indicate	Keason:	☐ Impact Dan ☐ Fire Dama;		е		eo Record er, Specify	ing Device r:		
	***					☐Battery Ex	-	d/Damaged					
						□Unknown 1							

OWNER/OPERATOR INFORMATION								
Registered Aircraft Owner	- 1	City: FARCO						
Name: Thomas Ma	gle	State: NO ZIP:	58102					
Fractional Ownership Aircraft: O Yes		Country: US						
Operator of Aircraft Same As Re	gistered Owner	Same Address as Registered Owner	🖪 Same Address as Registered Owner					
Name:		City:						
Doing Business As:								
Air Carrier/Operator Designator (4 Charact	er Code):	Country:						
Operating Certificates Held (Check all that apply)	Regulation Flight Conducted Un							
□ 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)	OFAR 121 OFAR 135 OFAR OFAR 125 OFAR 137 OFAR OFAR 91 Special Flight O Non-US, Commercial	431 O Non-Scheduled or Air Taxi OI	Domestic nternational					
□ On-Demand Air Taxi (FAR 135) □ Commercial Air Tour (FAR 136) □ Agricultural Aircraft (FAR 137) □ Pilot School (FAR 141) □ Certificate of Authorization or Waiver (COA) □ Commercial Space Transportation □ Experimental Permit □ Commercial Space Transportation License □ Other Operator of Large Aircraft	Demand Air Taxi (FAR 135) Immercial Air Tour (FAR 136) Identificate of Authorization or Waiver (COA) Immercial Space Transportation Immercial Space Transportation License ONon-US, Non-commercial OPublic Aircraft (Select one) O Armed Forces OFederal O State O Local		O Unknown					
Revenue Sightseeing Flight	Air Medical Flight	OExternal Load OSkydiving OFerry						
O Yes ⊗ No	OYes ONo							
AIRPORT INFORMATION (Fill in	if accident/incident occurred on app	proach, landing, takeoff, departure, or within 3	miles of an airport)					
Airport Name:		Distance From Airport Center:	sm					
Airport Identifier:		Direction From Airport:						
Proximity to Airport: O Off Airport/Airstri	p On Airport/Airstrip ON/A	Airport Elevation:						
Runway Information Runway ID:(L/R/C) Length: Runway/Landing Surface (Check all that a grass/Turf	dam Water	Condition of Runway/Landing Surface (Check all that apply) Dry Snow-Compacted Water-Calm Holes Snow-Crusted Water-Choppy Ice Covered Snow-Dry Water-Glassy Rough Snow-Wet Wet Rubber Deposits Soft Slush-Covered Vegetation Unknown						
Approach/Departure Segment (Select one,)							
OTaxi OVFR Departure OTakeoff OIFR Departure Proc OInitial Climb	OOn Instrument Appelure/Clearance OLanding	oroach ODownwind OLow Approach OBase OGo Around OFinal OAborted Landing (after touchdown) OCrosswind OUnknown						
IFR Approach (Check all that apply)		VFR Approach (Check all that apply)						
None		□None						
□ ADF/NDB □ PAR □ SDF □ Sidestep □ VOR/TVOR □ ILS □ VOR/DME □ Localizer Only □ TACAN □ LOC-back course □ RNAV	□MLS □Practice □LDA □GPS □ASR □Visual □Contact □Circling □Unknown	☐ Valley/Terrain Following ☐ Simul ☐ Go Around ☐ Force	n and Go lated Forced Landing d Landing utionary Landing					
IFR Approach (Check all that apply) None ADF/NDB PAR SDF Sidestep VOR/TVOR ILS VOR/DME Localizer Only TACAN LOC-back course	☐LDA ☐GPS ☐ASR ☐Visual ☐Contact ☐Circling	OCrosswind OUnknown VFR Approach (Check all that apply) None Traffic Pattern Straight-In Valley/Terrain Following Go Around Force Full Stop Preca	and Go n and Go lated Forced Landing d Landing utionary Landing					

"FLIGHT CREWMEMBER 1" INFORMATION										
"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										
"Flight Crewmember 1" was	s pilot flying	∰Yes □	No							
"Flight Crewmember 1" Ide								~ -		
First Name: Thom	-05			City of Ro	esidence: _	A AM	260			
Middle Initial:	-				State:	NO		ZIP: 5 Z	1102	
Last Name: NAGL					Country:					
Age at time of	Accident/Incid	lent: H	Date of I			46 11	ım/dd/yyyy			
			Certificate Nun	nber:						
Degree of Injury	Seat Occu	pied		Res	straint T	ype			Inflatable	Restraints
None O Fatal	@ Left	O Front	O Unkno	wn	Availabl	e	Used			
O Minor O Unknown	O Right O Center	O Rear O Single		10	ONone		ONone		Not Ins	
Pilot Certificate(s) (Check all	1 -	<u> </u>			O Lap o		OLap onl		☐ Installe	
□ None □ Flight Ir	\$10000 mark	Commercial	☐ US M	filitary	O 4-poi	nt	O 4-point		☐ Deploy	yed
Private Recreati	ional	Airline Transp	port Foreig		O 5-poir O Unkn		O 5-point O Unknow		Unkno	wn
☐ Student ☐ Sport		Flight Engine	er		OCIMI	OWIL	Ocinaro			27
Principal Occupation M	Iedical Certifi	icate		Me	dical Cer	rtificate Va	lidity		Date of La	st Medical
) None	Class 3		0	Without lin	nitations/wai	vers O	Inknown	8/11/	12020
		The state of the s	ense (Sport Pilo		With limita Special Issu	tions/waiver	s 0 N	I/A	mm/dd/y	
O Unknown C Medical Certificate Limitation		O Unknown		10.	Special issi	uance	-		mmi www.y	222
	rective	len	CP 5							
Co.	1-cci i m	()	40)							
Medical Certificate Special I	ssuance									
Date of Last Flight Review		Fligh	t Review Air	craft .						
or Equivalent, Including FAR 121/135 Checks:	na/11/2	019 Make	· ma	ule						
PARCIZITISS CHECKS.	mm/dd/yyyy	Mode		O						
Airplane Rating(s)	Other Aircra	ft Rating(s)	Instrum	ent Rating(s)	Instructo	r Rating(s)			
(Check all that apply)	(Check all that	apply)		ll that apply)		(Check all				
☐ None ☑ Single-Engine Land	☐ None ☐ Airship		☐ None Airpla	200	1	None	Simple Pro-		Instrument	
Single-Engine Sea	Balloon		Helio				e Single-Eng e Multi-Engi		Instrument Helicopter	
☐ Multiengine Land ☐ Multiengine Sea	☐ Glider ☐ Gyroplane		☐ Power	red Lift		☐ Gyropla ☐ Powere			Glider	
- Manual gard Dea	6 Helicopter				1	L Fowere	a Liit	L	Sport	
Type Detings	☐ Powered Lif	ì				Ct. J T	- J		T. V	
Type Ratings L - 29 Student Endorsements (Include dates)										
				-	,					
Flight Time (Enter appropriate	All	This Make	Airplane Single	Airplane		Insti	rument			Lighter
number of hours in each box)	Aircraft	& Model	Engine	Multiengine	Night	Actual	Simulated	Rotorcraft	Glider	Than Air
Total Time	3867	680	2860	-	83	130	68	080		335
Pilot in Command (PIC)	3345	680	2860		83	30	68	080	-	335
Time as Instructor This Make/Model	741		71			0	0	O	(A. V.) (200) States	0
Last 90 Days	40	20	20		0	6	0	20		0
Last 30 Days	10	0	10		0	0	0	0		
Last 24 House	m	0	10		1 4	10	7		-	0

ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information)										
Crew Name and Address								Seat Occupied		
First Name: City of Residence:							O Left O Center O Right	OFront ORear OSingle OUnknown	O None O Minor O Serious O Fatal O Unknown	
Pilot Certificate(s) (Check all that apply) None							Restraint Ty Available O None O Lap Only O 3-point O 4-point O 5-point O Unknown	Inflatable Restraints Not Installed Installed Not Deployed Deployed Unknown		
Crew Name and Address	ss						Seat Occupi	Injury		
First Name: City of Residence: Middle Initial: State: ZIP: Last Name: Country:							OLeft OCenter ORight	OFront ORear OSingle OUnknown	O None O Minor O Scrious O Fatal O Unknown	
Pilot Certificate(s) (Check all that apply) None Flight Instructor Commercial US Military Private Recreational Airline Transport Foreign Student Sport Flight Engineer Type Rating/Endorsement for Total Flight Time at the Time Accident/Incident Aircraft? Yes No of this Accident/Incident: hrs							Restraint Type: Available Used O None O None O Lap Only O Lap Only O 3-point O 3-point O 4-point O 4-point O 5-point O 5-point O Unknown		Inflatable Restraints Not Installed Installed Deployed Unknown	
PASSENGER(S) / O	THER PERSON	INEL (I	nclude d	abin crew; c	ontinue on s	eparate shee	t if necessary)	I		
Name and Address				Seat	Injury	Restraint T	ype	Inflatable Restraints	Age	
First Name: Allen Middle Initial: Last Name: Costai OCrew	City: MC() State: NO Z Country:	edd ns	ner	OLeft OCenter ORight OUnknown Row:	None OMinor OSerious OFatal OUnknown	Available ONone OLap Only 3-point O4-point O5-point OUnknown	Used O None O Lap Only 3-point O 4-point O 5-point O Unknown	Not Installed Installed Not Deployed Deployed Unknown	Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown	
First Name:Middle Initial:Last Name:OCrew	State: Z	IP:		OLeft OCenter ORight OUnknown Row:	O None O Minor O Serious O Fatal O Unknown	Available O None O Lap Only O 3-point O 4-point O 5-point O Unknown	Used O None Lap Only O 3-point O 4-point O 5-point O Unknown	□ Not Installed □ Installed □ Not Deployed □ Deployed □ Unknown	Under 5 years If Under 5, O Child Restraint O Lap-Held O Unknown	
First Name: Middle Initial: Last Name: OCrew	State: Z	IP:		OLeft OCenter ORight OUnknown Row:	O None O Minor O Serious O Fatal O Unknown	Available ONone OLap Only O3-point O4-point O5-point OUnknown	Used O None O Lap Only O 3-point O 4-point O 5-point O Unknown	□ Not Installed □ Installed □ Not Deployed □ Deployed □ Unknown	□Under 5 years	
First Name: Middle Initial: Last Name:	State: Z	IP:		OLeft OCenter ORight OUnknown Row:	O None O Minor O Serious O Fatal O Unknown	Available ONone OLap Only O3-point O4-point O5-point OUnknown	Used O None O Lap Only O 3-point O 4-point O 5-point O Unknown	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years	

ELICIT TIMEDARY	INFORMATIO	•					
FLIGHT ITINERARY			T				
Last Departure Point		e of Departure				-	ht Plan Filed
Airport ID:	Ant. Time	: 13 00 Zone: MST	Airport ID:	rivate	strip	None O Compan	O VFR/IFR v VFR O IFR
. (1)	7 () Time	7MST	City:	100701-		O Military	
1 1	1 im	e Zone: VIII				O VFR	OV. ON OU
			Country: _	us		Activated:	OYes ONo OUnknown
Type of ATC Clearance/Se None			.:-1 IED		□ 12770 F1: 1. F 11		
	Special VFR IFR		ecial IFR R On Top		☐ VFR Flight Foll ☐ Traffic Advisor		☐ Cruise ☐ Unknown / NA
Airspace where the acciden	t/incident occurred						ATCA TO PY YES
☐ Class A	Class G	☐ Mil	itary Operations		■Special		Altitude of In-Flight Occurrence:
	Demo Area		port Advisory A: Training Area	rea	Air Traffic Cont	rol Area	3000 ft msl
	■ Warning Area ■ Prohibited Area	☐ TRS			Unknown		Tt III.31
☐ Class E	Restricted Area	□FAI	R 93				OAGL
WEATHER INFORM	ATION AT THE	ACCIDEN'	T/INCIDEN	TSITE			
Source of Pilot Weather In	formation			Weather Ob	servation Facility	7	
(Check all that apply)	По			Facility ID:	AND 100 MILES AN		
☐ National Weather Service ☐ Flight Service Station	☐ Com				ime:		
TV/Radio	☐ Inter			Time Zone:			
☐ Automated Report☐ Commercial Weather Service	Non-		7.1	Distance from	Accident Site:		nm
On-Board Weather	(BOINS) LICHK	nown		Direction from	Accident Site:	www.mananaharianaharianaharianaharianah	degrees true
Basic Conditions		Light Conditi	on				
⊘ VMC		ODawn	ODusk			known	
OIMC OUnknown		@ Day	ONight	OBrig	ht Night		
Sky/Lowest Cloud Condition	n	Ceiling	+		Temperature:		(C) or 40 (F)
	O Thin Broken	None (Clear)	0	Obscured	1		
	OThin Overcast	O Broken				(C	c) or / O (F)
O Partial Obscuration O Scattered	OUnknown	O Overcast O Unknown			Altimeter Setting: in. Hg		
Lowest Cloud Condition H	eight	Ceiling Heigh	t	or MB			MB
	ft agl			ft agl	=		
Wind Direction	Wind Speed		Wind Gusts		Visibility	15+	miles
☐ Variable	☐ Calm		Not Gustin	ıg	D//D	:	National Control of the Control of t
	☐ Light and Varia	ble			RVV		
Direction: 5E degrees true	Speed: 10	kts	-or- Speed:	kts	Density Altitud		miles ft
Intensity of Precipitation	Type of Precipit						Theck all that apply)
OLight	None	Drizzle	☐ Freezing	2 Rain	None None	□ F	200 DE 1516
OModerate	□ Rain	☐ Ice Pellets	☐ Snow S	hower	☐ Blowing Du		Ground Fog
OHeavy ON/A	☐ Snow ☐ Hail	☐ Snow Pellets ☐ Snow Grains			☐ Blowing San	The state of the s	Haze ce Fog
OUnknown	Rain Showers	☐ Ice Crystals	,	D LIMIUN	☐ Blowing Spi	ray 🔲 S	Smoke
					□ Dust		Unknown
Icing Forecast Amount Type		Icing Actual Amount	Туре		Turbulence Type (Check ai	II that apply)	Severity
None ON/A		Mone None Non	O N/A		None	и та арріу)	Light
O Trace O Rime O Light O Clear	E	O Trace O Light	O Rime O Clear		Clear Air	hand	☐Moderate ☐Severe
O Moderate O Mixed		O Moderate	O Mixe		Convective		□ Extreme
O Severe O Unknow	wn	O Severe	O Unkn	own			
OUnknown		O Unknown				Name and the same	
NOTAMs (D and FDC),	AIRMETs, SIGN	IETs, PIREPS	in effect at	the time of tl	ne accident/incid	lent:	

DAMAGE	TO AIRCRAFT	AND OTHER PI	ROPERTY		
Aircraft Da	mage	Aircraft Fire	-	Aircraft Explosi	on
O None O Minor	SubstantialDestroyedUnknown	None In-Flight On-Ground	O Both Ground and In-Flight O Fire at Unknown Time O Unknown	None In-Flight On-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)

Blades tail votar drive shaft

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.

After tonchdown the heft skid slid into a rut that was obsented by registation. Pulled helpt side.

RECOMMENDATION (How could this accident/incident have been prevented?)							
Operator/Owner Safety Recommendation							
L	-00K	closev	at	la	indin	1 51	te
nagrana and a same and							
, the major of the section of the se					Same and the same		والمرافعة والمنافعة
MECHANICAL MALFUN	VCTION	FAILURE (If mo	re snace is n	eeded co	intinue on sena	rate sheet)	
Was there Mechanical Malfund (If yes, list the name of the part, man	ction/Failur	e? 🛮 Yes 🗗 No			Titinde on ocpa		Total Time/Cycles On Part
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,				Hours
							Cycles
							Cycles
							Time Since This Part Inspected/Overhauled
							Hours
EUEL & OFFINGEO INF	ODMATI	ON					
FUEL & SERVICES INF Fuel on Board at Last Takeoff	UKIMATI	Fuel Type					
(Convert from pounds, as necessary)		Q 80/87	O 115/145		O Jet B	O Other, spe	cify
40	Gallons	100 Low Lead O 100/130	O Jet A O Jet A-1		O JP8 O Automotive		
Other Services, if Any, Prior to	Departure	1					
EVACUATION OF AIRC	RAFT						
Was an emergency evacuation	A system to the description of the system of the state of	aft performed?	☐ Yes	No No			
Method of Exit – Describe how the occupants exited and how many occupants evacuated each location							
both right door							
100111.	38,0	0001					
OTHER AIRCRAFT - C	OLLISIO	N (If air or ground	collision occ	urred, co	mplete this sec	tion for other	aircraft)
Aircraft Registration Number	PARTITION AND ADDRESS OF THE PARTITION O	urer:	ukketion te dat and in principal Apprincipal April States	Charles Shaden and the contents		COMMON AND EXCHANGES TO MUNICIPALITY OF THE PARTY.	Damage to Other Aircraft
							☐ Destroyed ☐ Minor ☐ Substantial ☐ None
Registered Owner of Other Air					Other Aircraft		
Name:				Name:			
City: ZIP:				City:			
Country:	**************************************			Country	:	_ZIP:	

ADDITIONAL INFORMATION (Please type or print in ink)								
Use this space if additional space	e is needed for any answers.							
The state of the s	and a principal section of the secti							
			2					
LUEDERY CERTIEV THAT TO	HE ABOVE INFORMATION IS COMPL	ETE AND ACCUPATE TO TH	E DEST OF MY KNOW EDGE					
	Pilot/Operator: TOMAS	Nag Le	E BEST OF WY KNOWLEDGE					
12/17/2020 Signature		7	The second secon					
mm/dd/yyyy or	Check here to electronically sign this	document	The state of the s					
If a Person Other than Pilot/Op								
	erator is ruing Report	76:4	181					
	o electronically sign this document	· · · · · · · · · · · · · · · · · · ·						
NTSB Accident/Incident No.	FOR NTSB Reviewed by NTSB Regional Office	USE ONLY Name of Investigator	Doto Donot Donot					
CEN21LA081	CENTRAL	S. WILLIAMS	Date Report Received 1/6/2021					