# NATIONAL TRANSPORTATION SAFETY BOARD NTSB Form 6120.1 PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT

Email the pilot/operator aircraft accident/incident report to the investigator-in-charge of your accident/incident. If email is not available, mail the report per the instructions below.

If your accident/incident occurred in Maine, Vermont, New Hampshire, Massachusetts, Connecticut, Rhode Island, New York, New Jersey, Pennsylvania, Maryland, Delaware, Virginia, West Virginia, Kentucky, Tennessee, North Carolina, South Carolina, Mississippi, Alabama, Georgia, Florida, the District of Columbia, Puerto Rico, or the US Virgin Islands, send the form to: NTSB, ERA, 45065 Riverside Parkway, Ashburn, VA 20147.

If your accident/incident occurred in Ohio, Michigan, Indiana, Wisconsin, Illinois, Minnesota, Iowa, Missouri, Arkansas, Louisiana, North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, Texas, Colorado, or New Mexico, send the form to: NTSB, CEN, 4760 Oakland Street, Suite 500, Denver, CO 80239.

If your accident/incident occurred in Montana, Wyoming, Idaho, Utah, Arizona, Nevada, Washington, Oregon, California, Hawaii, or the territories of Guam or American Samoa, send the form to: NTSB, WPR, 505 South 336th Street, Suite 540, Federal Way, WA 98003.

If your accident/incident occurred in Alaska, send the form to: NTSB, ANC, 222 West 7th Avenue, Room 216, Box 11, Anchorage, AK 99513.

Rules pertaining to notification of aircraft accidents and incidents, as well as overdue aircraft are found in 49 *Code of Federal Regulations* (CFR) Part 830 http://www.ecfr.gov/cgi-bin/text-idx?c=ecfr&tpl=/ecfrbrowse/ Title49/49cfr830\_main\_02.tpl. These rules state the authority of the NTSB, define accidents, incidents, injuries, and other terms, and provide procedures for initial and immediate notification of accidents and incidents by aircraft pilots/operators.

#### A. APPLICABILITY

The pilot/operator of an aircraft shall send a report to the office listed above, based on accident/incident location; immediate notification is required by 49 CFR 830.5(a). The report shall be filed within 10 days after an accident for which notification is required by Section 830.5, or after 7 days if an overdue aircraft is still missing.

An aircraft accident, as defined in 49 CFR 830.2, is determined as an occurrence that involves a fatality or serious injury, or substantial damage to the aircraft. For occurrences that do not involve a fatality, the determination that the occurrence is an accident can be appealed by writing to the Director, Office of Aviation Safety, NTSB, 490 L'Enfant Plaza, S.W., Washington, D.C. 20594.

The NTSB uses this form for aircraft accident prevention activities and for statistical purposes. NTSB regulations (49 CFR Part 830) require that **ALL** questions be answered completely and accurately. Completion of this form will take approximately 60 minutes. The NTSB does not guarantee the privacy of any information provided in this form. You need not complete this form unless it displays a valid OMB control number, in accordance with 5 C.F.R. § 1320.5(b), which applies to this collection of information.

#### **B. DEFINITIONS**

- 1. "Aircraft Accident" means an occurrence associated with the operation of an aircraft that takes place between the time any person boards the aircraft with the intention of flight and all such persons have disembarked, and in which any person suffers death, or serious injury, or in which the aircraft receives substantial damage. For purposes of this form, the definition of "aircraft accident" includes "unmanned aircraft accident," as defined at 49 CFR 830.2.
- 2. "Substantial Damage" means damage or failure that adversely affects the structural strength, performance or flight characteristics of the aircraft, and that would normally require major repair or replacement of the affected component. NOTE: Engine failure or damage limited to an engine if only one engine fails or is damaged, bent fairing or cowling, dented skin, small puncture holes in the skin or fabric, ground damage to rotor or propeller blades, and damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wing tips are not considered "substantial damage" for purposes of this report.
- 3. "Operator" means any person who causes or authorizes the operation of an aircraft, such as the owner, lessee, or bailee of an aircraft.
- 4. "Fatal Injury" means any injury that results in death within thirty (30) days of the accident.
- 5. "Serious Injury" means any injury that (1) requires hospitalization for more than 48 hours, commencing within 7 days from the date the injury was received; (2) results in a fracture of any bone (except simple fracture of fingers, toes, or nose); (3) causes severe hemorrhages, nerve, muscle, or tendon damage; (4) involves injury to any internal organ; or (5) involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface.

### INSTRUCTIONS TO PILOTS/OPERATORS FOR COMPLETING THIS FORM

It is necessary that ALL questions on this report be answered completely and accurately.

If more space is needed, continue on a blank sheet of paper.

Nearest City/Place: Use the name of the nearest community in the state where the accident/incident occurred.

Date Dime: Indicate the date and local time of the event. Be sure to indicate the time zone.

Phase of Operation: Indicate the phase of operation during which the accident/incident occurred.

Aircraft Information: Enter aircraft make and model information as indicated on the aircraft registration certificate, including series. If the involved aircraft is certified as "amateur-built," include the name of the producer of the kit or plans, unless an NTSB employee instructs otherwise.

Maximum Gross Weight: Enter the certificated maximum gross weight for the aircraft involved in the occurrence. This should be the same as the maximum gross weight indicated on the aircraft weight and balance documents.

Engine: Enter engine make and model information as indicated on the engine data plate.

Type of Fire Extinguishing System: If a fire extinguishing system was used to fight an aircraft fire, specify the type(s) of extinguishing system(s) used. Examples include handheld extinguisher, engine fire bottle, cargo/baggage compartment fire suppression system, or airport emergency ground equipment.

Owner/Operator Information: Enter the owner information as shown on the registration certificate. Commercial operators, enter the operator information, including "doing business as" when applicable, as shown on the operator certificate.

Revenue Sightseeing Flight: Indicate whether the accident aircraft was conducting **revenue** sightseeing operations under 14 CFR Part 91 at the time of the accident

Air Medical Flight: Indicate whether the accident flight was being conducted for the purpose of carrying medical personnel, patient(s), or organs.

Public Aircraft: Federal, state or local government flight operations such as official travel, law-enforcement, low-level observation, aerial application, firefighting, search and rescue, biological or geological resource management, or aeronautical research. Indicate whether the flight was conducted by the armed forces, federal, state, or local government.

Purpose of Flight: 14 CFR Parts 91, 103, 133, 136, and 137: Indicate the type of operation that was being conducted at the time of the occurrence using the following definitions:

AERIAL APPLICATION--Operations using an aircraft to perform aerial application or dispersion of any substance. Examples include agricultural, health, forestry, cloud seeding, firefighting, insect control, etc.

AERIAL OBSERVATION--These flights include aerial mapping/photography, patrol, search and rescue, hunting, highway traffic advisory, ranching, surveillance, oil and mineral exploration, criminal pursuit, fish spotting, etc.

AIR DROP--Aerial operations, other than aerial application, that are intended to release items in flight.

AIR RACE/SHOW--Includes any flight operations conducted as part of an organized air race or public demonstration.

BUSINESS--includes all personal flying without a paid professional crew for reasons associated with furthering a business, including transportation to and from business meetings or work. This does not include corporate/executive operations, air taxi, or commuter operations.

EXECUTIVE/CORPORATE--Company flying with a paid professional crew.

FERRY--Non-revenue flight under a special flight or "ferry" permit. Refer to 14 CFR 21.197 for details of special flight permit issuance.

FLIGHT TEST--Flight for the purpose of investigating the flight characteristics of an aircraft/aircraft component or evaluating an applicant for a pilot certificate or rating.

INSTRUCTIONAL--Flying while under the supervision of a flight instructor or receiving air carrier training. Personal proficiency flight operations and personal flight reviews, as required by federal air regulations, are excluded.

OTHER WORK USE--Miscellaneous flight operations conducted for compensation or hire such as construction work (not 14 CFR Part 135 operation), parachuting, aerial advertising, towing gliders, etc.

PERSONAL--Flying for personal reasons (excludes business transportation) including pleasure or personal transportation. This also includes practice or proficiency flights performed under flight instructor supervision and not part of an approved flight training program.

POSITIONING--Non-revenue flight conducted for the primary purpose of relocating the aircraft. Examples include moving the aircraft to a maintenance facility or to load passengers or cargo etc.

UNKNOWN--Use only if the primary purpose of flight is not known.

Other Aircraft--Collision: For all accidents involving a collision with another aircraft, including parked aircraft, check "Collision with other aircraft" under Basic Information and complete this section indicating details about the OTHER aircraft involved in the collision.

Airport Information: Complete this section if the accident/incident occurred on approach, landing, takeoff, departure, or within 3 statute miles of an airport. Please refer to the FAA Airport/Facility Directory or other official source for airport information.

Airport Identifi^: Provide the official 3 or 4 character airport identifier number.

Runway: Indicate the number of the runway used, including L, R, or C if applicable.

Runway/Landing Surface: Indicate the type of intended runway/landing surface (do not indicate surface conditions). If the surface type was mixed, check all that apply.

Condition of Runway/Landing Surface: Indicate the condition of the intended runway/landing surface. If multiple conditions existed at the time of the accident, check all that apply.

Weather Information at the Accident/Incident Site: Indicate the weather conditions reported at the accident/incident site at the time of occurrence. If no weather reporting was available for the accident/incident site, indicate the reported conditions at the nearest reporting site. Specify the weather reporting site identifier, the observation time, and distance from the accident/incident.

Sky/Lowest Cloud Condition: Indicate the height above ground level of the lowest cloud condition present at the time of the accident/incident and whether coverage was reported as few, scattered, broken or overcast. Also indicate the height above ground level and coverage of the lowest cloud ceiling present at the time of the accident/incident (reported as broken or overcast).

NOTAMS (*D* and FDC), AIRMETS, SIGMETS, PIREPS: Describe all NOTAMS (distant (D) or Flight Data Center (FDC), if known), AIRMETS, SIGMETS, and PIREPS in effect near the accident/incident.

Flight Crewmember Information: Indicate the category that best describes the capacity served by this flight crewmember at the time of the accident. The designators "Flight Crewmember 1" and "Flight Crewmember 2" do not refer to a specific pilot position or responsibility. If more than one pilot is aboard, they may be entered in any order and their capacity entered as appropriate.

Degree of Injury: See Definitions on the top half of Page 1 of the instructions. Minor injury is not defined. If an injury does not meet the criteria for another injury category, select Minor.

Date of Last Flight Review or Equivalent: Enter the date of the most recent flight review, or equivalent, completed by this pilot. Refer to 14 CFR 61.56 for accepted equivalents.

Type Ratings: List all type ratings on the pilot certificate. If the pilot holds no type ratings indicate "none." If the pilot holds a pilot certificate other than student and was flying an aircraft requiring an endorsement, enter the type and date of any logbook endorsement(s) for that aircraft. See 14 CFR 61 for examples of required endorsements.

Student Endorsements: If the pilot holds a student pilot certificate, enter all solo endorsements and dates on the student pilot certificate.

Flight Time: Complete the flight time matrix. Solo flight time should be included as "Pilot-in-Command (PIC)" and all dual flight instruction given should be included as "Time as Instructor."

Additional Flight Crewmembers: Complete this section if there were more than two required flight crewmembers on the aircraft. This also includes a check airman performing official duties but does not include cabin crew. State the capacity served by each included crewmember at the time of the accident.

Passenger(s)/Other Personnel: Enter identification and injury severity information for all passengers, cabin crew, and other personnel involved in the accident. See Page 1 of the instructions for the official definition of injury levels.

Several questions throughout the form allow for multiple responses; when appropriate, choose all responses that apply.

These instructions only pertain to major issue areas covered by NTSB Form 6120.1 *Pilot/Operator Aircraft Accident/Incident Report*. For additional definitions of questions and responses, please refer to www.ntsb.gov.

## 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	TION											
Accide	nt/Incident Loc	ation					Accident/Incident Date/Time						
	City/Place: Broo				_ State: C	00	Date:	02/2	20/2021	Lo	cal Time: _	1330	
ZIP: <u>80</u>	0020 (	Country: US/	Α					mm/de	d/yyyy	Ti	me Zone:	MST	
Latitude	:		Longitude:								ine Zone	IVIOT	
(Enter in decimal degrees or degrees:minutes:seconds)						Colli	ision with	Other Air	craft: C	) Midair	OOn-groun	nd <b>O</b> None	
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Registr	ation Number:	N772UA							ped and Ce al Space Fli				
Manuf	acturer: Boein	g					_	Unmanned		gnt			
Model:	B777-222						Max	ximum Gr	oss Weigh	t: <u>545,0</u>	00	lbs	
Serial I	Number: <u>2693</u>	)					Wei	ight at Tin	ne of Accid	lent/Inci	dent: <u>47</u> 0	0,500	lbs
Year of	Manufacture:	9/29/1995					Nun	nber of Se	ats: 380		Flight Cre	ew Seats: 3	
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Eng. 4						07: 17:						<u></u>	
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O A A IP O Annu		litional Inspec nown	ction				Manufacturer: Model:						
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					☐ Battery Expired/Damaged ☐ Unknown								

OWNER/OPERATOR INFORMA	ATION					
Registered Aircraft Owner		City: Chicago				
Name: United Airlines		State: IL ZIP: 60606				
Fractional Ownership Aircraft: O Yes O	No	Country: USA				
Operator of Aircraft	gistered Owner	☐ Same Address as Registered Owner				
Name:		City:				
Doing Business As:		State: ZIP:				
Air Carrier/Operator Designator (4 Character	er Code):	Country:				
Operating Certificates Held (Check all that apply)	Regulation Flight Conducted Un	Revenue Operation for FAR 121, 125, 129, 135 (Select one for each group)				
□ None □ Flag Carrier Operating Certificate (FAR 121) □ Supplemental □ Air Cargo □ Foreign Air Carriers (FAR 129) □ Rotorcraft External Load (FAR 133) □ Commuter Air Carrier (FAR 135)	OFAR 91 OFAR 129 OFAR OFAR 103 OFAR 133 OFAR 135 OFAR 125 OFAR 137 OFAR OFAR 91 Special Flight ONOn-US, Commercial	431 O Non-Scheduled or Air Taxi International				
☐ On-Demand Air Taxi (FAR 135) ☐ Commercial Air Tour (FAR 136)	O Non-US, Non-commercial	Purpose of Elight for EAD 01 103 123 137				
□ Agricultural Air Toth (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	OPublic Aircraft (Select one) O Armed Forces O Federal O State O Local O Unknown	Purpose of Flight for FAR 91, 103, 133, 137 (Select one)  O Aerial Application OFirefighting OUnknown O Aerial Observation OFlight Test O Air Drop OGlider Tow O Air Race/Show OInstructional O Banner Tow OOther Work Use O Business OPersonal O Executive/Corporate OPositioning				
Revenue Sightseeing Flight	Air Medical Flight	O External Load O Skydiving O Ferry				
O Yes <b>⊙</b> No	O Yes ⊙ No					
		proach, landing, takeoff, departure, or within 3 miles of an airport)				
	if accident/incident occurred on app	proach, landing, takeoff, departure, or within 3 miles of an airport)  Distance From Airport Center:sm				
AIRPORT INFORMATION (Fill in Airport Name:  Airport Identifier:	if accident/incident occurred on app	Distance From Airport Center:sm  Direction From Airport:degrees true				
AIRPORT INFORMATION (Fill in Airport Name:	if accident/incident occurred on app	Distance From Airport Center:sm				
AIRPORT INFORMATION (Fill in Airport Name:  Airport Identifier:	if accident/incident occurred on app	Distance From Airport Center:sm  Direction From Airport:degrees true  Airport Elevation:ft. msl  Condition of Runway/Landing Surface (Check all that apply)				
AIRPORT INFORMATION (Fill in  Airport Name:  Airport Identifier:  Proximity to Airport: O Off Airport/Airstri	if accident/incident occurred on application of the proof	Distance From Airport Center:    sm       Direction From Airport:    degrees true       Airport Elevation:    ft. msl				
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AIRPORT INFORMATION (Fill in  Airport Name:  Airport Identifier:  Proximity to Airport: Off Airport/Airstri  Runway Information  Runway ID:	if accident/incident occurred on application of the fit width:  fi	Distance From Airport Center:				

"FLIGHT CREWMEM	BER 1" INF	ORMATI	ON							
"Flight Crewmember 1" Res										
	O Student Pilot pilot flying	OFlight I		Check Pilot	O Fligh	t Engineer	O Other	Flight Crew		
"Flight Crewmember 1" Ide										
First Name: Mark					City of Re	sidence:				
Middle Initial: A					State:			ZIP:	<b>=</b>	
Last Name: Stephenson						LICA	······································	ZII · _		
Age at time of A	Accident/Incide	ent: 60	Date of 1		Country: _		m/dd/yyyy			
Age at time of A	Accident/incide		ertificate Nur				т/ши/уууу			
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Must wear corrective lenses										
widst wear corrective lenses										
Medical Certificate Special I	ssuance									
D. O. C. C. D. L. D. L.										
Date of Last Flight Review or Equivalent, Including		_	t Review Air	craft						
FAR 121/135 Checks:	02/05/2021		: Boeing							
	mm/dd/yyyy		l: <u>777</u>							
Airplane Rating(s)	Other Aircraf			nent Rating(s	s)		r Rating(s)			
(Check all that apply)  ☐ None	(Check all that a ☐ None	appiy)	<u> </u>	ll that apply)		(Check all	that apply)		Instrument A	A irnlana
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number of hours in each box)	Aircraft	& Model	Engine	Multiengine	Night	Actual	Simulated	Rotorcraft	Glider	Than Air
Total Time	28,062	538	3,200	25,000			12	2	0	0
Pilot in Command (PIC)	24,278	538	3,120	20,128	•	<u> </u>	0	0	0	0
Time as Instructor	2,800	0	1,900	900		39	16	0	0	0
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Last 90 Days	155	155	0	155		+	0	0	0	0
Last 30 Days Last 24 Hours	113	113	0	113			0	0		0
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"FLIGHT CREWMEI	MBER 2" INF	ORMATIC	ON							
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"Flight Crewmember 2" w	as pilot flying	☐ Yes 🔽	No							
"Flight Crewmember 2" I	dentification									
First Name: Michael				C	ity of Res	sidence:				
Middle Initial: A				S	tate:		Z	IP:		
Last Name: Devore					ountry:	LIS				
Age at time of	f Accident/Inciden	t: 53	Date of Bi		ountry		ı/dd/yyyy			
8			rtificate Numb							
Degree of Injury	Seat Occup		1 (4111		straint T	me me			Inflatable R	estraints
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Pilot Certificate(s) (Check	all that apply)				O 3-poi	nt	O 3-point	,	☐ Not Dep	loyed
☐ None ☐ Fligh ☐ Private ☐ Recre ☐ Student ☐ Sport	eational 🗹	Commercial Airline Transpo Flight Engineer			O 4-poi ⊙ 5-poi O Unkn	nt	O 4-point O 5-point O Unknow	vn	☐ Deploye	
Principal Occupation	Medical Certific	ate		Me	dical Ce	tificate Va	lidity	]	Date of Las	t Medical
<ul><li>Pilot</li><li>Other</li><li>Unknown</li></ul>	⊙ Class 1	Class 3 Driver's Licer Unknown	nse (Sport Pilot	only)		nitations/waiv tions/waivers uance		nknown /A	06/04/202 mm/dd/yy	
Medical Certificate Specia N/A										
Date of Last Flight Review	7	Flight	Review Airc	raft						
or Equivalent, Including FAR 121/135 Checks:	11/28/2020	Make:	Boeing							
1711C 121/100 CHECKS.	mm/dd/yyyy	Model:	777-222							
Airplane Rating(s) (Check all that apply)	Other Aircraf			ent Rating(s	5)	Instructor				
□ None	✓ None	PP'))	None	i inui uppiy)		□ None	іші арріу)	V	Instrument A	irplane
<ul> <li>☑ Single-Engine Land</li> <li>☐ Single-Engine Sea</li> <li>☑ Multiengine Land</li> <li>☐ Multiengine Sea</li> </ul>	☐ Airship ☐ Balloon ☐ Glider ☐ Gyroplane ☐ Helicopter ☐ Powered Lift		☑ Airpla ☐ Helico ☐ Power	pter		Airplane		ne 🗆	Instrument H Helicopter Glider Sport	
Type Ratings						Student E	ndorsement	ts (Include d	ates)	
A-320, B757, B767, B777, E	MB-120									
Flight Time (Enter approprinumber of hours in each box)	ate All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Inst. Actual	rument Simulated	Rotorcraft	Glider	Lighter Than Air
Total Time	18,612	4,190	1,800	16,978	4,80	0 16,800		0	0	0
Pilot in Command (PIC)	2,400	0	1,700	700	60	0 360		0		0
Time as Instructor	1,600	0	1,600	200	32	0 240		0	0	0
This Make/Model										
Last 90 Days	166	166	0	166				0		0
Last 30 Days Last 24 Hours	21	61	0	61		7 62 0 2		0		0
Last 24 Hours		21	U	1 4	- 1	U I Z	1	. 0	U	

ADDITIONAL FLIGI	HT CREWMEMB	ERS (	Exclusive	e of cabin cr	ew, complete	the followin	g information)		
Crew Name and Addre	ss						Seat Occupie	ed	Injury
First Name: Middle Initial: Last Name:	_	State	:		ZIP:		O Left O Center O Right	O Front O Rear O Single O Unknown	O None O Minor O Serious O Fatal O Unknown
Pilot Certificate(s) (Check all that apply)  None						Restraint Tyl Available O None O Lap Only O 3-point O 4-point O 5-point O Unknown	TT1	Inflatable Restraints  ☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	
Crew Name and Addre	ss						Seat Occupie		Injury
First Name: Middle Initial: Last Name:	_	State	:		ZIP:		OLeft OCenter ORight	O Front O Rear O Single O Unknown	O None O Minor O Serious 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 Accident/Incident Aircraft?       □ Yes       □ No       of this Accident/Incident:       hrs						Restraint Tyl Available O None O Lap Only O 3-point O 4-point O 5-point O Unknown	TT1	Inflatable Restraints  Not Installed Installed Deployed Unknown	
PASSENGER(S) / C	THER PERSON	NEL (I	nclude c	abin crew; c	ontinue on s	eparate shee	t if necessary)		
Name and Address				Seat	Injury	Restraint T	уре	Inflatable Restraints	Age
First Name: Peter  Middle Initial:  Last Name: Leong  OCrew	State: ZI	[P:		OLeft OCenter ORight OUnknown Row:	None     Minor     Serious     Fatal     Unknown	Available ONone OLap Only O3-point O4-point O5-point OUnknown	O 3-point O 4-point O 5-point	□ Not Installed □ Installed □ Not Deployed □ Deployed □ Unknown	☐ Under 5 years  If Under 5,  ○ Child Restraint ○ Lap-Held ○ Unknown
First Name: Helen  Middle Initial:  Last Name: Miyamoto  • Crew	State: ZI	IP:		OLeft OCenter ORight OUnknown Row:	None     OMinor     OSerious     OFatal     OUnknown	Available ONone OLap Only O3-point O4-point O5-point OUnknown	O 3-point O 4-point O 5-point	□ Not Installed □ Installed □ Not Deployed □ Deployed □ Unknown	☐ Under 5 years
First Name: Karen  Middle Initial: Last Name: Ah Hee  OCrew	State: ZI	(P:		OLeft OCenter ORight OUnknown Row:	None     Minor     Serious     Fatal     Unknown	Available ONone OLap Only O3-point O4-point O5-point OUnknown	O 3-point O 4-point O 5-point	□ Not Installed □ Installed □ Not Deployed □ Deployed □ Unknown	☐Under 5 years  If Under 5,  ○ Child Restraint ○ Lap-Held ○ Unknown
First Name: Kay	City :			OLeft	ONone	Available ONone	Used O None	☐ Not Installed	☐ Under 5 years

FLIGHT ITINERARY	INFORMATIO	N						
Last Departure Point	Tin	e of Departure	Destination	on		Type Fligh	t Plan Filed	
Airport ID: KDEN	T.	e: 1229	Airport ID:	PHNL		O None	O VFR	
City: Denver	l im	e: <u>1229</u>	City: Hon	olulu		O Company O Military		
State: CO	Tim	e Zone: MST	State: HI			O VFR	VIIC OOIK	llowii
Country: USA			Country: L	JSA		Activated?	<b>⊙</b> Yes <b>○</b> No	OUnknown
Type of ATC Clearance/S	ervice (Check all that	apply)						
□ VFR	☐ Special VFR ☑ IFR	□ VF	ecial IFR R On Top		☐ VFR Flight Follo		☐ Cruise ☐ Unknown / N	A
Airspace where the accide				4 0(04)	<b>-</b> a		Altitude of In	-Flight
. <del>-</del>	□Class G □Demo Area	_	itary Operations port Advisory A	\ /	☐ Special ☐ Air Traffic Contr	rol Area	Occurrence:	
☐ Class C	☐ Warning Area	☐ Jet	Training Area		Unknown	.0111100		ft msl
	Prohibited Area	☐ TRS						
	Restricted Area			TOITE				
WEATHER INFORM		E ACCIDEN	I/INCIDEN	ı	F 114	·		
Source of Pilot Weather In (Check all that apply)	ntormation				servation Facility	•		
✓ National Weather Service	✓ Con	npany		Facility ID: KI				
Flight Service Station	☐ Mili	tary		Observation Ti				
☐ TV/Radio ☐ Automated Report	☐ Inte			Time Zone: M				
Commercial Weather Service				Distance from A	Accident Site:		nm	
On-Board Weather	· · · · · · · · · · · · · · · · · · ·			Direction from	Accident Site:		_ degrees true	
Basic Conditions		Light Conditi						
OVMC		ODawn	ODusk	ODark		known		
● IMC ● Unknown		<b>⊙</b> Day	ONight	<b>O</b> Brigh	it Nignt			
Sky/Lowest Cloud Condit	ion	Ceiling			Tomporatura	ng	(C) or	(E)
O Clear	O Thin Broken	None (Clear)	0	Obscured				
<b>⊙</b> Few	O Thin Overcast	O Broken	0	Indefinite	Dew Point:	<u>7(C</u>	) or	(F)
O Partial Obscuration O Scattered	<b>O</b> Unknown	O Overcast	0	Unknown	Altimeter Sett	ing: <u>2982</u>	in. Hg	
Lowest Cloud Condition	Height	Ceiling Heigh	t			or		
Lowest Cloud Condition			•	ft agl				
			****					
Wind Direction	Wind Speed		Wind Gusts		Visibility	10	miles	
☐ Variable	☐ Calm ☐ Light and Vari	abla	✓ Not Gustin	ng	RVR	:	feet	
-or-	or-	able	-or-		RVV	:	miles	
Direction: 210 degrees tru	4-	kts	Speed:	kts	Density Altitu		ft	
Intensity of Precipitation	Type of Precipit	ation (Check all t	hat apply)		Restriction to	Visibility (C	heck all that apply	,)
OLight	☑ None	□ Drizzle	☐ Freezin	g Rain	✓ None		og	
O Moderate	Rain	☐ Ice Pellets	☐ Snow S		☐ Blowing Du		Ground Fog	
O Heavy O N/A	□ Snow □ Hail	☐ Snow Pellet☐ Snow Grain			☐ Blowing Sa ☐ Blowing Sn		łaze ce Fog	
OUnknown	Rain Showers	☐ Ice Crystals		g DHZZIC	☐ Blowing Sp	ray 🔲 S	Smoke	
					☐ Dust	J 🗆	Jnknown	
Icing Forecast		Icing Actual			Turbulence			
Amount Type  ⊙ None O N/A		Amount  None	Type O N/A		Type (Check a  ✓ None	ll that apply)	Severity □Light	
O Trace O Rime		O Trace	O Rime	,	Clear Air		☐ Moderate	3
O Light O Clear		O Light	O Clear	-	□ Terrain-Indu		Severe	
O Moderate O Mixed O Severe O Unknown		O Moderate O Severe	O Mixe O Unkr		□Convective '	Turbulence	□Extreme	
O Severe O Unknown	own	O Unknown	O Oliki	lowii				
NOTAMa (D and EDC)	AIDMET - CIO		in offerated	the time of the		donts		
NOTAMs (D and FDC),	, AIKWIE IS, SIGI	VIETS, FIKEPS	s in effect at	me ame of th	ie accident/inci	uent:		

DAMAGE	TO AIRCRAFT AI	ND OTHER PRO	OPERTY		
Aircraft Dam O None O Minor	age  ⊙ Substantial  ○ Destroyed  ○ Unknown	Aircraft Fire O None O In-Flight O 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
Description of	Damage to Aircraft a	and Other Property	(Use additional sheet if necessary)		
damage to the		airing. United Airlines	in cowl, nose cowl, and thrust reve s airframe damage assessment to pleted.		
NARRATIVE	HISTORY OF FLI	GHT (Please type o	r print in ink)		
Describe what wreckage dist destination. Pro-	t occurred in chronological ribution sketch if pertinorovide as much detail as	egical order, including ent. Attach extra shee s possible.	g circumstances leading to and natests if needed. State departure time and	d and location, service	es obtained, and intended

RECOMMENDATION (How	could this acci	ident/incident ha	ve been pre	vented?)					
Operator/Owner Safety Recomm	endation								
Not available at this time. United internal investigation and support of NTSB investigation of the incident will continue.									
MECHANICAL MALFUN	NCTION/FAI	ILURE (If mor	re space is n	eeded, co	ntinue on sepa	rate sheet)			
Was there Mechanical Malfund (If yes, list the name of the part, man			scribe the failu	ıre.)		·	Total Time On Part	e/Cycles	
Failure of the #2 engine occu	rred approxima	ately 13,000ft M	ISL. Engine	blades ha	ave been sent	to Pratt and	13,934	Hours	
Whitney in Hartford, CT for a analysis.	nalysis. Collect	ted cowl pieces	have been	collected	and will be ser	nt to Boeing for	2979	Cycles	
analysis.							Time Since	This Part	
	Time Since This Part Inspected/Overhauled								
							13924	Hours	
<b>FUEL &amp; SERVICES INF</b>	ORMATION								
Fuel on Board at Last Takeoff		uel Type				_			
(Convert from pounds, as necessary)	lõ	<b>)</b> 80/87 <b>)</b> 100 Low Lead	<ul><li>O 115/145</li><li>● Jet A</li></ul>		O Jet B O JP8	O Other, specify _			
16,761 (112,300lbs)		100/130	O Jet A-1		O Automotive				
Other Services, if Any, Prior to	<b>Departure</b>								
	D 4 ==								
EVACUATION OF AIRC	KAFI								
Was an emergency evacuation		•	☐ Yes	☑ No					
Method of Exit – Describe how	the occupants ex	xited and how ma	any occupant	s evacuate	d each location				
OTHER AIRCRAFT O									
OTHER AIRCRAFT – C					•	ъ	aft) mage to Othe	r Aircraft	
Aircraft Registration Number		r:					Destroyed	☐ Minor	
Registered Owner of Other Air					Other Aircraft		Substantial	✓ None	
Name:									
City:				City:					
State:ZIP: _				State:		ZIP:			
Country:				Country					

ADDITIONAL INF	ORMATIC	N (Please type or print in ink)			
Use this space if addi	tional space	is needed for any answers.			
	crew Memb USA USA	is needed for any answers.  ers Information			
I HEREBY CERTIF	Y THAT TH	E ABOVE INFORMATION IS COMPL	ETE AND ACCU	JRATE TO THE BEST OF I	MY KNOWLEDGE
Date of this Report		Pilot/Operator:			
03/02/2021		·			
mm/dd/yyyy	or	☐ Check here to electronically sign this			
If a Person Other tha	n Pilot/Op	erator is Filing Report			
Name: Ryan H	urling			_ Title: Sr. Flight Safety	y Investigator
Signature:				_	
		electronically sign this document			
		FOR NTSB	USE ONLY		
NTSB Accident/Incid	dent No.	Reviewed by NTSB Regional Office	Name of Invest	tigator	Date Report Received