# 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.

"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/Time: 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. 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 Identifier: 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.

Purpose of Flight: 14 CFR Parts 91, 103, 133, 136, and 137: Indicate the 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.

NTSB Form 6120.1 (rev. 9/2013). This form replaces 6120.1/2.

# 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		TION										
	t/Incident Loc					A	ccident/Incid	ent Date/7	lime	and the second s		
Nearest (	City/Place: Bagh	dad Emba	ssy HeliPort (O	REZ)	State:	D	ate: 05/1	0/2020	Lo	cal Time:	20:02 (17:0	)2Z)
ZIP: US	Embassy C	Country: Irac					mm/da					
Latitude: N33:17:4700 Longitude: E44:22:2000								Ti	me Zone: _	raq/AST		
(Enter in decimal degrees or degrees:minutes:seconds)				С	ollision with	Other Air	craft: C	) Midair	OOn-groun	d ONone		
AIRCI	RAFT INFO	RMATIO	N									
Registration Number: <u>S/N 135117 (N12</u> Manufacturer: <u>Bell</u>					☑ IFR-Equipped and Certified □ Commercial Space Flight □ Unmanned Aircraft							
Model:	UH1-N (ST)					N	Aaximum Gr	oss Weigh	t: 11200	)	lbs	
Serial N	umber: 3201	7					Veight at Tin	-			00	lbs
Year of	Manufacture:	1971				P	umber of Se	ats: 11		Flight Cre	w Seats: 2	
Amateu	r-Built: OYes	If Yes: (	OKit/Plans Mal	ke:			Cabin Crew Seat					
	<b>O</b> No		Original Design	_			umber of En					
Category of Aircraft       Type of Airworthiness Certificate         O Airplane       (Check all that apply)         O Balloon       Standard         O Bilimp/Dirigible       Normal         O Glider       Aerobatic         O Gyroplane       Balloon         O Helicopter       Commuter         O Powered Lift       Transport         O Rocket       Utility			(Check all that apply) <ul> <li>Retractable</li> <li>Tricycle</li> <li>Tricycle</li> <li>Tailwheel</li> <li>Turbo Shaft</li> <li>Turbo Prop</li> <li>Turbo Jet</li> <li>Turbo Jet</li> <li>Turbo Fan</li> <li>Electric</li> </ul> <ul> <li>Skid</li> <li>Electric</li> </ul>			OLiqui OSolid OHybr ONone OUnkn	iown					
OUltra	light			mental Light-Sport			aunch/Recovery System		Fuel System Type (Reciprocating) OCarburetor OFuel-Inject			
OUnkn	own	Certificate	e of Authorization		(COA)	□ None		nknown	Caro	aretor	Order	njeeted
Engine	Engine					Time (hours)	Time Inspection (hours)	Since: Overhaul (hours)				
Eng. 1	Pratt & Whitney		PT6T-3B	CP-PS-TB0379 CP-PS-TB0378			06/04/2009	6/04/2009 645 652.3 6/04/2009 645		652.3		
Eng. 2 Eng. 3	Pratt & Whitney	Canada	PT6T-3B		CP-PS-	180378	06/04/2009	043		032.3		
Eng. 4	1											
Last Inspection Type O100-Hour OContinuous Airworthiness OAAIP OConditional Inspection OAnnual OUnknown			ction	Propeller 1         OFixed Pitch OControllable Pitch OGround Adjustable         Propeller 2         OFixed Pitch OControllable           Manufacturer:         Manufacturer:         Manufacturer:           Model:         Model:         Manufacturer:					stable			
Date Last Inspection:       05/09/2020 mm/dd/yyyy         Airframe Total Time:       12368.0 hvrs         hours measured at (Select one)       hrs         O Last Inspection       Time of Accident/Incident         Type of Maintenance Program (Select one)       Annual         O Conditional (Amateur-built only)       Manufacturer's Inspection Program         O Ather Approved Inspection Program (AAIP)       Continuous Airworthiness         O Other, specify:			If Yes: ELT Ma Model or TSO No. Was ELT Was ELT Did ELT If active Did ELT	nufactur Part No OC91 OC126 F still mo F still con Activated: Activated: Aid in L cetivated:	<ul> <li>♥Yes</li> <li>●Yes</li> <li>●No</li> <li>er: <u>ARTEX Airo</u></li> <li>er: <u>C-406-2HM</u></li> <li>(121.5 MHz)</li> <li>OC</li> <li>(406 MHz)</li> <li>ounted in aircraft</li> <li>mected to antenn</li> <li>? OYes</li> <li>No</li> <li>cocating Aircraft:</li> <li>□ Impact Damae</li> <li>□ Fire Damage</li> <li>□ Battery Expin</li> <li>□ Unknown</li> </ul>	OYes ONO OYes ONO	z)	S-B frame Para gle of Atta copilot a Recorde ctronic Fli ctronic Mu ctronic Pri adheld GP. ads Up Dis poard Wea ellite Track	achute ck Indicato r ght Bag or iltifunction mary Fligh S splay ther king Device System ling Device	Handheld De Display t Display e		

OWNER/OPERATOR INFORM	ATION	
Registered Aircraft Owner		City: MELBOURNE
Name: US DEPARTMENT OF STATE		- State: FL ZIP: 32940
Fractional Ownership Aircraft: O Yes @	) No	Country: USA
Operator of Aircraft I Same As Re	gistered Owner	Same Address as Registered Owner
Name:		City:
Doing Business As:		State: ZIP:
Air Carrier/Operator Designator (4 Charact	er Code):	Country:
<b>Operating Certificates Held</b> (Check all that apply)	Regulation Flight Conducted Und	Revenue Operation for FAR 121, 125, 129, 135 (Select one for each group)
<ul> <li>☑ None</li> <li>□ Flag Carrier Operating Certificate (FAR 121)</li> <li>□ Supplemental</li> <li>□ Air Cargo</li> </ul>	OFAR 91         OFAR 129         OFAR 4           OFAR 103         OFAR 133         OFAR 4           OFAR 121         OFAR 135         OFAR 4           OFAR 121         OFAR 135         OFAR 4           OFAR 121         OFAR 135         OFAR 4           OFAR 125         OFAR 137         OFAR 4	31 O Non-Scheduled or Air Taxi O International 35
□ Foreign Air Carriers (FAR 129) □ Rotorcraft External Load (FAR 133) □ Commuter Air Carrier (FAR 135) □ On-Demand Air Taxi (FAR 135)	OFAR 91 Special Flight ONOn-US, Commercial ONon-US, Non-commercial	O Passenger O Cargo O Mail Contract Only
Commercial Air Tour (FAR 136) Agricultural Aircraft (FAR 137)	OPublic Aircraft (Select one)	Purpose of Flight for FAR 91, 103, 133, 137 (Select one)
<ul> <li>Pilot School (FAR 141)</li> <li>Certificate of Authorization or Waiver (COA)</li> <li>Commercial Space Transportation Experimental Permit</li> <li>Commercial Space Transportation License</li> <li>Other Operator of Large Aircraft</li> </ul>	<ul> <li>Armed Forces</li> <li>Federal</li> <li>State</li> <li>Local</li> <li>Unknown</li> </ul>	O Aerial Application O Aerial ObservationO Firefighting O Flight Test O Glider TowO UnknownO Air Race/Show O Banner TowO Instructional O Other Work Use O Personal O PositioningO Instructional O Personal
Revenue Sightseeing Flight	Air Medical Flight	O External Load O Skydiving
O Yes O No	O Yes O No	
AIRPORT INFORMATION (Fill in	if accident/incident occurred on app	roach, landing, takeoff, departure, or within 3 miles of an airport)
Airport Name: <u>US Embassy Iraq Heli</u> Airport Identifier: <u>OREZ</u>		Distance From Airport Center: 0sm
Proximity to Airport: O Off Airport/Airstr		Direction From Airport: 000 degrees true
Troximity to Airport. O on Airport Airsu		Airport Elevation: <u>114</u> ft. msl
Runway Information         Runway ID:(L/R/C) Length:         Runway/Landing Surface (Check all that         Asphalt       Grass/Turf         Ocncrete       Gravel         Dirt       Ice	<i>apply)</i> adam □ Water al/Wood	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       Unknown
Approach/Departure Segment (Select on	e)	
OTaxi OTakeoff OInitial Climb OVFR Departure OIFR Departure OIFR Departure	OOn Instrument App OLanding	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/NDBPARSDFSidestepVOR/TVORILSVOR/DMELocalizer OnlyTACANLOC-back courseRNAV	MLS   Practice     LDA   GPS     ASR   Visual     Contact   Circling	Traffic PatternStop and GoStraight-InTouch and GoValley/Terrain FollowingSimulated Forced LandingGo AroundForced LandingFull StopPrecautionary LandingUnknown

"FLIGHT CREWMEN	IBER 1" INFC	RMATIO	N							-
"Flight Crewmember 1" R	O Student Pilot	O Flight Inst	tructor O(	dent Check Pilot	O Fligh	t Engineer	O Other F	light Crew		
"Flight Crewmember 1" w		Yes No						_		
"Flight Crewmember 1" Id	lentification									
Middle Initial: B					State: AZ		2	ZIP:		
Last Name: Seay				-	Country:	USA				
Age at time o	f Accident/Inciden	t: 64	Date of Bin	rth:		m	n/dd/yyyy			
		Cer	tificate Numb	er:						
Degree of Injury	Seat Occupie	d		Re	straint Ty	pe		1	nflatable R	estraints
O None O Fatal O Minor O Unknown O Serious	Left     Right     Center	O Front O Rear O Single	O Unknown	n						
Pilot Certificate(s) (Check of	all that apply)				⊙ 3-poir	nt	⊙3-point		Not Dep	
None     Flight       Private     Recre       Student     Sport	ational A	ommercial irline Transpor light Engineer	US Mili Toreign	-	O 4-poir O 5-poir O Unkno	ıt	O 4-point O 5-point O Unknow	'n	□ Deploye □ Unknow	
Principal Occupation	Medical Certifica	te	- 200	M	edical Cer	tificate Val	lidity	1	Date of Las	t Medical
<ul> <li>Pilot</li> <li>Other</li> <li>Unknown</li> </ul>	O Class I O	Class 3 Driver's Licens Unknown	se (Sport Pilot o	only) O		nitations/waiv tions/waivers lance		nknown /A	04/16/202 mm/dd/yy	
Medical Certificate Specia N/A Date of Last Flight Review		Flight	Peview Airco	aft						
or Equivalent, Including			Flight Review Aircraft Make: Bell						20	
FAR 121/135 Checks:	04/16/2020	-	UH1-N (ST)							
	mm/dd/yyyy				->	Lastanata	Detin =(a)			
Airplane Rating(s) (Check all that apply)	Other Aircraft (Check all that ap			nt Rating( that apply)						
□ None	□ None		□ None	inter appiy)	☑ None					Airplane
<ul> <li>Single-Engine Land</li> <li>Single-Engine Sea</li> <li>Multiengine Land</li> <li>Multiengine Sea</li> </ul>	<ul> <li>Airship</li> <li>Balloon</li> <li>Glider</li> <li>Gyroplane</li> <li>Helicopter</li> <li>Powered Lift</li> </ul>	ip I Airplane on I Helicopter r Powered Lift plane opter			Airplane Single-Engine Inst Airplane Multi-Engine Hel			Instrument   Helicopter Glider Sport	Helicopter	
Type Ratings						Student E	Indorsemen	nts (Include	dates)	1
CA-212 DHC-8, Limitations: DHC-8 S	IC Privileges Only.					N/A				
Flight Time (Enter appropria	nte Au	This Male	Airplane	Aimlan		Inst	rument			Lighter
number of hours in each box)	All Aircraft	This Make & Model	Single Engine	Airplane Multiengine	Night	Actual	Simulated	Rotorcraft	Glider	Than Air
Total Time										
Pilot in Command (PIC)										
Time as Instructor						-				-
This Make/Model		-					12 march 1	Contraction	and the second	
Last 90 Days										
Last 30 Days										
Last 24 Hours										

"FLIGHT CREWMEMI	BER 2" INFOR	MATION	4								
	O Student Pilot	Flight Inst		ent heck Pilot	OFlig	t Engineer	O Other F	light Crew			
"Flight Crewmember 2" was	pilot flying	es 🗆 No	0								
"Flight Crewmember 2" Ide	ntification										
First Name: Paul					ity of Re	sidence:					
Middle Initial: M								IP:			
Last Name: Morabito								u			
		0	D. CD' I		ountry:	16	/11/				
Age at time of A	ccident/Incident: 4				_	n	m/dd/yyyy				
D 07.1		Certif	ficate Number								
<b>Degree of Injury</b> O None O Fatal	Seat Occupied OLeft	Ennet	Ollalana	Res	straint T	ype			Inflatable R	estraints	
Minor O Unknown     Serious	O Left     O Front     O Unknown     Available     Used       O Right     O Rear     O None     O None     O None       O Center     O Single     O Lap only     O Lap only     Installed										
Pilot Certificate(s) (Check all	that apply)				⊙ 3-poi		O 3-point		Not Dep	loyed	
□ None □ Flight Ir □ Private □ Recreati □ Student □ Sport	onal 🔲 Airlin	nercial e Transport t Engineer	US Milita	ary	O 4-poi O 5-poi O Unkr	int	O 4-point O 5-point O Unknow	'n	Deploye		
Principal Occupation N	ledical Certificate			Me	dical Ce	rtificate V	alidity		Date of Last	t Medical	
O Other	NoneO ClassO Class 1O DrivO Class 2O Unk	er's License	e (Sport Pilot on	ly) O		mitations/waive ations/waive suance		nknown /A	<u>12/30/201</u> mm/dd/yy		
Medical Certificate Limitation	ons									1	
N/A										1	
Medical Certificate Special I	ssuance										
N/A											
Date of Last Flight Review		Flight R	leview Aircra	ft							
or Equivalent, Including FAR 121/135 Checks:	02/08/2020	Make: B	ake: Bell								
FAR 121/155 CHECKS.	mm/dd/yyyy		JH1-N (ST)								
Airplane Rating(s)	Other Aircraft Ra		Instrumen	t Rating(s	)	Instructo	r Rating(s)				
(Check all that apply)	(Check all that apply)		(Check all th		apply) (Check all that apply)						
None	□ None		None		None Instrument A						
<ul> <li>Single-Engine Land</li> <li>Single-Engine Sea</li> </ul>	<ul> <li>Airship</li> <li>Balloon</li> </ul>		Airplane						Instrument Helicopter		
Multiengine Land	Glider		Powered						Helicopter Glider		
Multiengine Sea	Gyroplane					Dewered Lift Sport					
	<ul> <li>Helicopter</li> <li>Powered Lift</li> </ul>										
Type Ratings						Student	Endorsement	s (Include d	ates)	-	
S-76											
3-70						N/A					
				Witten							
Flight Time (Enter appropriate		s Make	Airplane Single	Airplane			strument			Lighter	
number of hours in each box)	Aircraft &	Model	Engine	Multiengine	Night	t Actua	Simulated	Rotorcraft	Glider	Than Air	
Total Time						-					
Pilot in Command (PIC) Time as Instructor					-		-				
This Make/Model	In the second second	24-1-10	NAME OF TAXABLE PARTY	C CAR	1	-		Contractor of the		Territoria	
Last 90 Days					-	-		and the second second		and the second	
Last 30 Days					1						
Last 24 Hours					-						
					-	_			-		

ADDITIONAL FLI	GHT CREWMEN	BERS	(Exclusiv	e of cabin cre	w, complete	the followin	g information)			
Crew Name and Add	ress						Seat Occupie	d	Injury	
First Name: Dennis				esidence:			O Left O Center	O Front ⊙ Rear	O None O Minor	
Middle Initial:     A     State:     FL     ZIP:       Last Name:     Long     Country:     USA					<b>O</b> Right	O Single O Unknown	O Serious O Fatal			
Last Name: Long		Col	intry: 03	24	<u></u>	-		CONKINUM	O Fatal O Unknown	
Pilot Certificate(s) (Check all that apply)         Image: Display to the second seco						Restraint Typ Available O None	Used O None	Inflatable Restraints		
PrivateRecreationalAirline TransgStudentSportFlight Engine					eign		• Lap Only • 3-point	O Lap Only O 3-point O 4-point	<ul> <li>Not Installed</li> <li>Installed</li> <li>Not Deployed</li> </ul>	
Type Rating/Endorse Accident/Incident Ai		🛛 No		Flight Time at Accident/Inci		hrs	O 4-point O 5-point O Unknown	Deployed		
Crew Name and Add	ress						Seat Occupie	d	Injury	
First Name: Domer	nico	Cit	y of Reside	ence:			OLeft	O Front O Rear	O None O Minor O Serious O Fatal O Unknown	
Middle Initial: J		Sta	te:	2	CIP:		OCenter ORight	O Single		
Last Name: Parisi		Co	untry: US	SA		-		OUnknown		
Pilot Certificate(s) (	Flight Instructor Recreational Sport	Ai		port For	the Time	hrs	Restraint Typ Available O None E Lap Only O 3-point O 4-point O 5-point O Unknown	De: Used 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	
PASSENGER(S)	OTHER PERSO	NNEL	-	the second se		eparate shee	t if necessary)			
Name and Address				Seat	Injury	Restraint T	уре	Inflatable Restraints	Age	
First Name:	City :					Available ONone	Used O None		1.0	
Middle Initial:				OLeft OCenter	O None O Minor O Serious O Fatal	OLap Only O3-point O4-point	ly O Lap Only O 3-point O 4-point	□ Not Deployed	Under 5 years	
Last Name:	Country:			ORight OUnknown					If Under 5, O Child Restraint	
OCrew	OPassenger	00	Other	Row:	OUnknown	O 5-point OUnknown	O 5-point O Unknown	Unknown	O Lap-Held O Unknown	
First Name:	City :			OLeft	ONone	Available ONone	Used O None	Not Installed	Under 5 years	
Middle Initial:	State:	ZIP:			OMinor	O Lap Only	O Lap Only	Installed		
I out Moura				OCenter			-	Installed		
	Country:			ORight OUnknown	O Minor O Serious O Fatal O Unknown	O3-point O4-point O5-point	O 3-point O 4-point O 5-point		d <i>If Under 5</i> , O Child Restraint	
Crew	Country: OPassenger			ORight	O Serious O Fatal	O3-point O4-point O5-point OUnknown	O 3-point O 4-point O 5-point O Unknown	Installed Not Deployed	d If Under 5,	
	OPassenger City :	00	Other	ORight OUnknown Row:	O Serious O Fatal	O3-point O4-point O5-point OUnknown Available ONone	O 3-point O 4-point O 5-point O Unknown Used O None	☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	d If Under 5, O Child Restraint O Lap-Held O Unknown	
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OCrew First Name:	OPassenger City : State:	O C ZIP:	Other	ORight OUnknown Row: OLeft OCenter ORight OUnknown	O Serious O Fatal O Unknown	O3-point O4-point O5-point OUnknown Available ONone OLap Only O3-point O4-point O5-point	O 3-point O 4-point O 5-point O Unknown Used O None O Lap Only O 3-point O 4-point O 5-point	Installed Not Deployed Deployed Unknown Not Installed	<ul> <li>If Under 5,</li> <li>O Child Restraint</li> <li>O Lap-Held</li> <li>O Unknown</li> <li>Under 5 years</li> <li>If Under 5,</li> <li>O Child Restraint</li> <li>O Lap-Held</li> </ul>	
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OCrew First Name: Middle Initial: Last Name: OCrew	OPassenger              City :           State:           OPassenger              City :           State:           State:	OC ZIP: OC ZIP:	Other	ORight OUnknown Row: OLeft OCenter ORight OUnknown Row:	O Serious O Fatal O Unknown O Mone O Minor O Serious O Fatal O Unknown	O3-point O4-point O5-point OUnknown Available ONone OLap Only O3-point O4-point O5-point OUnknown Available	O 3-point O 4-point O 5-point O Unknown Used O None O Lap Only O 3-point O 4-point O 5-point O Unknown Used O None	Installed Not Deployed Unknown Not Installed Installed Not Deployee Deployee Unknown	<ul> <li>If Under 5,</li> <li>Child Restraint</li> <li>Lap-Held</li> <li>Unknown</li> <li>Under 5 years</li> <li>If Under 5,</li> <li>Child Restraint</li> <li>Lap-Held</li> <li>Unknown</li> </ul>	

FLIGHT ITINERARY I	NFORMATION						
Last Departure Point Airport ID: OREZ City: Baghdad State: Country: Iraq Type of ATC Clearance/Serv None VFR Airspace where the accident Class A Class B Class C Class D	vice (Check all that a Special VFR IFR	of Departure 2002 Zone: AST  pply) Spec VFR (Check all that a Airp	Country: <u>Ira</u> cial IFR C On Top <i>tary</i> Operations ort Advisory Ar raining Area A	ORBI adad aq Area (MOA)		O None O Company O Military V O VFR Activated?	
				TSITE			
Source of Pilot Weather Info (Check all that apply) National Weather Service Flight Service Station TV/Radio Automated Report Commercial Weather Service On-Board Weather	Comp Comp Milita Interr None	pany ary let own		Weather Ot Facility ID: <u>C</u> Observation T Time Zone: <u>A</u> Distance from	ime: 2000		nm
Basic Conditions O VMC O IMC O Unknown		Light Condition ODawn ODay	ODusk ONight		k Night OUn ght Night	known	
O Few C	) Thin Broken ) Thin Overcast ) Unknown eight	Ceiling None (Clear) Broken Overcast Ceiling Height N/A	00	Obscured Indefinite Unknown ft agl		)6(C	
Wind Direction ☑ Variable -or- Direction:degrees true Intensity of Precipitation ○ Light ○ Moderate ○ Heavy ④ N/A ○ Unknown	Wind Speed Calm Calm Calm Calm Calm Calm Calm Calm	kts	G Freezin Snow S I Ice Pell Freezin	kts g Rain hower ets Shower	RVV Density Altitu	de:	
Icing Forecast         Amount       Type <ul> <li>None</li> <li>N/A</li> <li>Trace</li> <li>Rime</li> <li>Light</li> <li>Clear</li> <li>Moderate</li> <li>Mixed</li> <li>Severe</li> <li>Unknown</li> </ul>	vn	Icing Actual Amount None Trace Light Moderate Severe Unknown	Type O N/A O Rime O Clean O Mixe O Unkt	e r ed	Turbulence Type (Check a None Clear Air Terrain-Indu Convective	uced	Severity Light Moderate Severe Extreme
NOTAMs (D and FDC), A M0004/20 - AERODROME CONST UP TO APRX 120 STREET LAMPS APRX 40 W ARR OR E DEP FOR C 2020	CONST AREA E	AST SIDE LES CRANES UP T CLING THE CO	S THAN ON O APRX 150 ONST BOUN	E QTR MILE FT TALL, A DARY WITH	E OF EMBASSY ND UTILITY POLI CONNECTING V	( HP WITH ES SUPPO VIRES. USE	RTING HIGH VIS E CAUTION DURING A

## DAMAGE TO AIRCRAFT AND OTHER PROPERTY

Aircraft Da	mage
O None	O Substantial
O Minor	<ul> <li>Destroyed</li> </ul>
	O Unknown

**Aircraft Fire** • None O In-Flight O On-Ground

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

#### **Aircraft Explosion** O None O In-Flight

O On-Ground

O Both Ground and In-Flight O Explosion at Unknown Time Olinknown

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

The aircraft was substantially damaged/destroyed by the accident.

## 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.

On 10 May 2020 at approximately 2002 Arabian Standard Time (AST) 1702 (GMT), an Embassy Air-Irag (EA-I) Bell, UH-1N (ST) helicopter (135117), S/N:135117 was involved in an accident while departing the United States Embassy Heliport (EHP) in Baghdad, Iraq (ICAO-code OREZ) while conducting a routine passenger/cargo ring route operation. The incident aircraft was identified as State 67 (Chalk Two) in a flight of two UH-1N (ST) aircraft and was departing OREZ to return to base (RTB) to the Baghdad International Airport (ORBI). Visual Meteorological Conditions prevailed at the time. No services were obtained at at OREZ.

Aircraft 135117 lifted into a hover of approximately four feet, transitioned left and began forward flight. Upon commencement of forward flight the aircraft's main rotor blades contacted a Security Barrier (T-Wall) and crashed.

All four occupants (Crew) experienced minor injuries and were treated at the Baghdad Diplomatic Support Center Hospital and released several hours after the accident.

Conclusion: The Accident Investigation Board (AIB) concludes the crew was highly qualified and the aircraft was fully mission capable. After analyzing the human, material, and environmental data collected during the investigation, the AIB concludes the accident was caused by human error.

The AIB determined the aircrew lost situational awareness, failed to provide clearance of a T-Wall on the right side of the aircraft resulting in the main rotor blades impacting the T-Wall.

Aft Crew-members were wearing a 4-point crew harness with a single-point attachment to the airframe. Right side, cargo compartment crew-member was ejected from the aircraft upon impact. Cause of ejection was determined to be: unauthorized attachment point to a non-load bearing surface of the aircraft. A mandatory safety stand-down was directed to all country programs to ensure all crews understood the proper attachment points for aft cargo compartment crew-members.

RECOMMENDATION (How could this	accident/incident h	ave heen prevente	42)			
Operator/Owner Safety Recommendation	accident/incident in	are been provente				
Note: AIB recommendations are reviewe	d by INL/A Safety a	and Functional st	aff for considerati	on of adoption and	d program cha	anges.
1. Cockpit Resource Management (CRM	I) Refresher Trainin	g emphasizing C	FIT for all crew m	embers program	wide.	
2. Training on Safety Risk Management governing documents.	(SRM) and Aerona	utical Decision M	aking (ADM) pert	aining to deviation	is from SOP's	s and other
3. Review task 1040 of ATM crew memb	er processes and p	procedures for cle	aring airspace ar	nd obstacles.		
4. Repaint EHP airfield markings with gla	ass bead reflective	paint IAW with di	nensions detailed	d in UFC 3-260-01	Unified Facil	lities Criteria.
5. Develop and implement aircraft marsh consideration)						
6. Re-enforce use of applicable Technica	al Manual for prope	r tie-down points	Implement writte	en procedures to a	chieve unifor	mity.
7. Issue Fire/Rescue Services two (2) se						
MECHANICAL MALFUNCTION	FAILURE (If mo	re space is neede	d, continue on sep	parate sheet)		
Was there Mechanical Malfunction/Failur (If yes, list the name of the part, manufacturer, pa					Total Tin On Part	ne/Cycles
						Hours
						Cycles
						ce This Part
					Inspected	l/Overhauled
						Hours
FUEL & SERVICES INFORMAT	ION					
Fuel on Board at Last Takeoff	Fuel Type					
(Convert from pounds. as necessary) 206 Gallons	O 80/87 O 100 Low Lead O 100/130	O 115/145 O Jet A O Jet A-1	O Jet B O JP8 O Automotivo	O Other, specify		
Other Services, if Any, Prior to Departure	e					
N/A						4.7
EVACUATION OF AIRCRAFT						
Was an emergency evacuation of the airc	raft performed?	🗆 Yes 🖾 N	0			
Method of Exit - Describe how the occupation	nts exited and how m	any occupants eva	cuated each locatio	n		
Pilots exited front doors Crew exited back doors						
OTHER AIRCRAFT - COLLISIC					and the second se	A in an G
Model:	turer:				Damage to Oth Destroyed Substantial	Minor None
Registered Owner of Other Aircraft		Pile	ot of Other Aircra	ft		
Name:						
City:ZIP:		Sta	e:	ZIP:		
Country:		Co	intry.			

# ADDITIONAL INFORMATION (Please type or print in ink)

Use this space if additional space is needed for any answers.

I HEREBY CERTIF	Y THAT THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE	and and				
06/09/2020	Name of Pilot/Operator: Otto J Fernandez Signature:					
mm/dd/yyyy	or I Check here to electronically sign this document					
If a Person Other that	an Pilot/Operator is Filing Report					
Name:	Title:	_				
Signature:						

-- or -- Check here to electronically sign this document

FOR NTSB USE ONLY										
NTSB Accident/Incident No.	Reviewed by NTSB Regional Office Ashburn, VA	Name of Investigator L. Schiada	Date Report Received 6/9/2020							
ERA20CA191	Astibutti, VA	L. Solliada	0/5/2020							