## 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	C INFORMA	NOITA												
Accident/Incident Location				Accident/Incident Date/Time										
Nearest City/Place: Lake Havasu State: AZ				AZ	Date: 12/01/2021 Local Time: 12:30pm									
ZIP: 86404 Country: USA					mm/dd/yyyy									
Latitude	):		Longitude:							Ti	me Zone: _	MST		
	(Enter in decima	ıl degrees or d	degrees:minutes:se	econds)			Collision wi	th Oth	er Aire	eraft: (	) Midair	OOn-groun	d <b>O</b> None	
AIRC	<b>RAFT INFO</b>	RMATIO	N					1 1 2 1 W						
Registr	ration Number:	N81CB					☑ IFR-Eq	uipped	and Ce	rtified				
							☐ Comme ☐ Unman			ght				
Model	Citation Musta	ang		S10 1111 111 111 111 111 111 111 111 111			Maximum	Gross '	Weight	t: 8730		lbs		
Serial 1	Number: 510-0	1439					Weight at T		-				lbs	
Year o	f Manufacture:	2013					Number of	Seats:	6		Flight Cr			
Amate	ur-Built: OYes	If Yes:	OKit/Plans Ma	ke:			Cabin Crew S							
	ONo		Original Design				Number of				r asserige.	Bouts,		
Catego	ory of Aircraft	Type of A	irworthiness Co	ertificate		Landing Gea		-		Engine	e Type (Se	elect one)		
<b>⊙</b> Airpl		(Check all t				(Check all that				O Reci	procating OLiquid		d Rocket	
OBallo OBlim	p/Dirigible	Standar  Norma		eted		Value and A	Retractable		O Turl		rbo Shaft OSolid		Rocket d Rocket	
O Glide	er	☐ Aerob	atic  Limite	d		Tricycle		Tailwh	icel	O Turb		ONone	d Rocket	
OGyro OHelio		Balloc				Amphibian			kid	kid Turbo Fan		<b>O</b> Unkn	OUnknown	
						☐ Emergency ☐ Float	cy Float □Skid □Ski			O Electric				
O Rock O Ultra		☐ Utility		al Light-Sport		Ski/Wheel Fuel		Fuel Sy	System Type (Reciprocating)		g)			
OUnkr		<b>D</b> C-wife	100 00 000 000 00	Other La		unch/Recovery System			OCarburetor OFue		O Fuel-	njected		
		None	e of Authorization	or waiver Unknown	(COA)	☐ None	Г	Unkno	wn					
			3270 7740				Date		ed Powe		Total	Time !	Since:	
Engine	Engine Manufa	cturer	Engine Model/Series	Manufac Serial N			of Mfg.		Horsep- lbs of T	ower or	Time (hours)	Inspection (hours)	Overhaul (hours)	
Eng. 1	Pratt & Whitney		PW615F	LB0899			02/21/201			must	872.4	0	0	
Eng. 2	Pratt & Whitney		PW615F	LB0898			02/19/201	3 146	60		872.4	0	0	
Eng. 3														
Eng. 4						<b>O</b> E: 18:								
Last I	nspection Type			Propeller 1 OFixed P					Prope	ller 2	O Fixed Pitch O Controllable Pitch			
Q100-H		inuous Airwo	orthiness				Adjustable			OGround Adjustable				
O AAIP O Annu	al <b>O</b> Conc	litional Inspec	ction	Manufacturer:				-	Manu	facturer: _				
	ast Inspection:		021	Model:			Model:							
Date	ast inspection.	mm/dd/yy		ELT Installed: OYes O			No		Additional Equipment (Check all that apply)				apply)	
	ne Total Time:		hrs	If Yes:			☑ ADS-B □ Airframe Par				chute			
010240	rs measured at (So			ELT Manufacturer: ARTEX  Model or Part No.: C-406N			☐ Angle of At					r		
TSO No.: O				O No : O Col (121 5 MHz) O Colo (121 5 MHz) Autopilot										
Type of Maintenance Program (Select one)					<b>⊙</b> C126	(406 MHz)	•		☐ Data Recorder ☐ Electronic Flight Bag or Handheld Device					
				Was ELT still mounted in aircraft? • OYes ONo			10	☐ Electronic Multifunction Display						
Manufacturer's Inspection Program						nected to anteni		No	177-173	tronic Pri	, ,	Display		
O Other Approved Inspection Program (AAIP) O Continuous Airworthiness				Did ELT Activate? OYes ON  If activated:			☐ Heads Up D							
• Commission I in it of thin it of the commission of the commissio					Did ELT Aid in Locating Aircra			ft: OYes ONo ☐ Onboard Wes				;		
Descrip	otion of Fire Ex	tinguishing	System	If not ac	tivated:				☑ Stall	Warning	System	8		
O None		Bottle for a	ngino firo	Indicate	Reason:	☐ Impact Dam								
• Spec	ify: Halon Fire I	Dollie IOI e	ngine ine			☐ Fire Damage ☐ Battery Exp			- Ouic	i, specify				
						Unknown	phoa Daniagot							

OWNER/OPERATOR INFORMATION								
Registered Aircraft Owner		City: Houston						
Name: Byron R Baker		State: TX ZIP: <u>77019</u>						
Fractional Ownership Aircraft: O Yes O	No		Country: USA					
Operator of Aircraft	gistered Owner	☑ Same Address as Registered Owner	☑ Same Address as Registered Owner					
Name:		City:						
Doing Business As:								
Air Carrier/Operator Designator (4 Characte	er Code):	Country:						
Operating Certificates Held (Check all that apply)	Regulation Flight Conducte	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 103 OFAR 133 OFAR 121 OFAR 135 OFAR 125 OFAR 137 OFAR 91 Special Flight O Non-US, Commercial	AR 415 AR 431 AR 435 AR 437  O Scheduled or Commuter O Non-Scheduled or Air Taxi O Internation O Passenger O Cargo O Mail Contract Only	al					
□ 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	O Non-US, Non-commercial O Public Aircraft (Select one) O Armed Forces O Federal O State O Local O Unknown	O Aerial Observation O Air Drop O Air Race/Show O Air Race/Show O Banner Tow O Business O Executive/Corporate O Flight Test O Glider Tow O Instructional O Other Work Use O Personal O Positioning	<b>○</b> Unknown					
Revenue Sightseeing Flight	Air Medical Flight	O External Load O Skydiving O Ferry						
O Yes ⊙ No	O Yes ⊙ No							
AIRPORT INFORMATION (Fill in if accident/incident occurred on approach, landing, takeoff, departure, or within 3 miles of an airport)								
Airport Name: Lake Havasu City		Distance From Airport Center:	sm					
Airport Identifier: KHII		Direction From Airport:						
Proximity to Airport: O Off Airport/Airstri	p <b>O</b> n Airport/Airstrip <b>O</b> N							
Runway Information Runway ID: 32 (L/R/C) Length: 80  Runway/Landing Surface (Check all that all the concrete Gravel Metal Metal Concrete Ice Snow	apply) adam	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	)		1277 - 11744					
OTaxi OVFR Departure OTakeoff OIFR Departure Prod OInitial Climb	eedure/Clearance On Instrume OLanding	t Approach OBase OFinal OCrosswind OCrosswind OLow Approach OGo Around OAborted Landing (after to	ouchdown)					
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 □Unkno	☐ Traffic Pattern ☐ Stop and Go ☐ Straight-In ☐ Touch and Go ☐ Valley/Terrain Following ☐ Simulated Fore ☐ Go Around ☐ Forced Landin ☐ Full Stop ☐ Unknown	3					

"FLIGHT CREWMEMBER 1" INFORMATION										
"Flight Crewmember 1" R	esponsibilities a	at the Time o	of Accident/In							
O Pilot O Co-Pilot	O Student Pilo			Check Pilot	O Fligh	ht Engineer	O Other	Flight Crew		
"Flight Crewmember 1" w		□Yes □	No				-1			
"Flight Crewmember 1" Id	dentification									
First Name: Byron City of Residence: Houston										
Middle Initial: R					State: TX		-	ZIP: <u>7701</u>	9	<u></u>
Last Name: Baker					Country:	USA	***************************************			_
Age at time of	Birth:		n	ım/dd/yyyy						
Certificate Number:										
Degree of Injury Seat Occupied					Restraint Type Inflatable Restrain					Restraints
O None O Fatal O Minor O Unknown	O Left O Right	O Front O Rear	O Front O Unknown			e	Used			
O Serious	O Center	O Single			O None O Lap or		O None O Lap on		☐ Not Installe	
Pilot Certificate(s) (Check of	all that apply)				⊙ 3-poir	nt nt	⊙3-point		☐ Not De	
		Commercial	☐ US M	lilitary	O 4-poir		O 4-point		☐ Deploy	
<ul><li>☑ Private</li><li>☐ Recre</li><li>☐ Student</li><li>☐ Sport</li></ul>		Airline Trans Flight Engine		gn	O 5-poin O Unkno		O 5-point O Unknow		☐ Unkno	wn
<b>Sport</b>		I fight Englis					•			
Principal Occupation	<b>Medical Certifi</b>	cate		Me	dical Cer	tificate Va	lidity		Date of La	st Medical
O Pilot Other		OClass 3	este var vorana i			nitations/wai		Inknown	10/10/00	200
O Unknown	•	O Driver's Lic O Unknown	ense (Sport Pilo		With limitat Special Issu	tions/waiver iance	s ÖN	\/A	$\frac{12/10/20}{mm/dd/y}$	
Medical Certificate Limita										
Must wear corrective lenses for	or near and dista	nt vision								
77 11 10 10 10 10 11		and the same of th								
Medical Certificate Special	Issuance									
							V-10-10-10-10-10-10-10-10-10-10-10-10-10-			
Date of Last Flight Review or Equivalent, Including			t Review Air	craft						
FAR 121/135 Checks:	11/19/2020	A STATE OF THE REAL PROPERTY.	: Cessna							<del></del>
	mm/dd/yyyy			ustang	]					
Airplane Rating(s)	Other Aircra			ent Rating(s	)		r Rating(s)			
(Check all that apply)  ☐ None	(Check all that a None	apply)	1 1	ll that apply)	t apply) (Check all that apply)  ☑ None ☐ Instrument Airpl.					
☑ Single-Engine Land	☐ Airship		☐ None ☐ Airpla	ine		✓ None  ☐ Airplan	e Single-Eng	ine E	Instrument Instrument	
<ul><li>☐ Single-Engine Sea</li><li>☑ Multiengine Land</li></ul>	☐ Balloon ☐ Glider		☐ Helico	opter		☐ Airplan	e Multi-Engir	ne 🛚	Helicopter	
☐ Multiengine Sea	Gyroplane		☐ Power	red Lift		☐ Gyropla			Glider Sport	
	☐ Helicopter☐ Powered Lif	4						_	<b>-</b> ~p ~	
Type Ratings	☐ Fowered Li	į.				Student E	Indorsemen	nts (Include	dates)	
CE-510S						Student L	andor semer	its (metade	uuies)	
Flight Time (Enter appropriat	1	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 Pilot in Command (PIC)	1,977	484 454	1,457	484	49		97			
Time as Instructor	1,000	454	1,404	454	47	150	97			
This Make/Model										
Last 90 Days	38	38		38		<del> </del>				stone resolution
Last 30 Days	10	10		10	-	<del> </del>			-	
Last 24 Hours	3	3		3						

ELICHT ITINEDADY	INFORMATIO						
FLIGHT ITINERARY							
Last Departure Point	Tir	ne of Departure					nt Plan Filed
Airport ID: KTME	Tim	e: 10:15am	Airport ID:	The state of the s		O None O Company	O VFR/IFR VFR O IFR
City: Brookshire	<del>CONTRACTOR OF</del>		City: Lake			O Military	
State: TX	Tin	e Zone: CST				O VFR	
Country: USA			Country: U	SA	**************************************	Activated?	<b>⊙</b> Yes
Type of ATC Clearance/Se	ervice (Check all tha	t apply)					
	☐ Special VFR ☐ IFR		ecial IFR R On Top		☐ VFR Flight Foll ☐ Traffic Advisory		☐ Cruise ☐ Unknown / NA
Airspace where the accide	nt/incident occurre						Altitude of In-Flight
	Class G		itary Operations		Special	1.4	Occurrence:
	☐ Demo Area ☐ Warning Area	100 mm	port Advisory Ar Training Area	rea	☐ Air Traffic Cont ☐ Unknown	rol Area	ft msl
	Prohibited Area	☐ TR			- Chkhown		
☑ Class E	Restricted Area	□ FAI	R 93				
WEATHER INFORM	IATION AT TH	E ACCIDEN	T/INCIDEN	T SITE			
Source of Pilot Weather In	ıformation			Weather Ob	servation Facility		*
(Check all that apply)				Facility ID:			
☐ National Weather Service	□ Co:			88 10000	ime:		
☐ Flight Service Station ☐ TV/Radio							
☑ Automated Report	□No						
Commercial Weather Service	ce (DUATS) Un	cnown		Distance from Accident Site:nm  Direction from Accident Site:degree			
On-Board Weather		Tring		Direction from	Accident Site:		_ degrees true
Basic Conditions		Light Conditi		0.0		1	
OVMC OIMC		ODawn ODay	ODusk ONight		k Night OUr ght Night	ıknown	
OUnknown		ODay	ONight	Oblig	shi Mghi		
Sky/Lowest Cloud Condit	ion	Ceiling			Tomporeture	22	(C) or(F)
⊙ Clear	O Thin Broken	None (Clear)	0	Obscured	9699		
O Few	O Thin Overcast	O Broken O Indefinite			Dew Point: _	(0	C) or(F)
O Partial Obscuration	<b>O</b> Unknown	O Overcast O Unknown			Altimeter Sett	ing: 30.20	in. Hø
O Scattered	IT * 1.	Cailing Haight				or	
Lowest Cloud Condition	Ceiling Heigh	ıt	ft agl				
	ft agl			It agi			
Wind Direction	Wind Speed		Wind Gusts		Visibility	unlimited	miles
☑ Variable	☐ Calm		☐ Not Gustin	ıg	RVR	:	feet
	☐ Light and Var	iable					
-0r-	-or-	kts	-or-	kts		`:	
Direction:degrees tru			Speed:	KIS	Density Altitu		ft
Intensity of Precipitation		tation (Check all i	25.7		Partition in the latest and the late		Check all that apply)
OLight	None	Drizzle	☐ Freezin		☑ None ☐ Blowing D	ret D	Fog Ground Fog
O Moderate O Heavy	□ Rain □ Snow	☐ Ice Pellets☐ Snow Pellet	☐ Snow S ts ☐ Ice Pell		☐ Blowing Sa		Haze
ON/A	Hail	Snow Grain	50 Name 1		☐ Blowing Sr	ow 🔲	Ice Fog
OUnknown	☐ Rain Showers	☐ Ice Crystals	3		☐ Blowing Sp		Smoke
					Dust		Unknown
Icing Forecast		Icing Actual	<b></b>		Turbulence	11 .1 . 1 .	Severity
Amount Type  O None O N/A		Amount  O None	Type O N/A		Type (Check a  ☑ None	u inai appiy)	Light
O Trace O Rime		O Trace	O Rime		☐ Clear Air		■Moderate
O Light O Clear		O Light	O Clear		☐ Terrain-Ind		Severe
O Moderate O Mixe		O Moderate	OMixe		Convective	Turbulence	□Extreme
O Severe O Unknown	own	O Severe O Unknown	O Unki	nown			
200 Maria Mari	ATDAKED OF		a in effect of	the time of	he escident/! '	dont:	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
NOTAMs (D and FDC). Taxiway A between Taxiv			s in effect at	the time of t	ne accident/inci	uent:	
Taxiway A between Taxiv	vay no and no dio	J-04					
1							

DAMAGE TO AIRCRAFT AND OTHER PROPERTY								
Aircraft Dama O None	age ⊙ Substantial	Aircraft Fire O None	O Both Ground and In-Flight	Aircraft Explosion O None	O Both Ground and In-Flight			
O Minor	O Destroyed O Unknown	O In-Flight O On-Ground	O Fire at Unknown Time O Unknown	O In-Flight On-Ground	O Explosion at Unknown Time O Unknown			
Description of	Damage to Aircraft a	nd Other Property (	Use additional sheet if necessary)					
Right wing fire	and fuel tank explosi	on, damage to right	main gear and bottom of fuselag	e.				
NARRATIVE	HISTORY OF FLIC	GHT (Please type or	print in ink)					
wreckage distr	t occurred in chronologicibution sketch if pertine ovide as much detail as	ent. Attach extra sheet	circumstances leading to and natus if needed. State departure time and	are of accident/incide and location, services	nt. Describe terrain and include obtained, and intended			
		A subject production of the second	arrival at TME fuel tanks were to	anad off at 395 gallo	ns allowing for planty of fuel			
to arrive at KH	III in VMC. I crossed N	leedles VOR at 12,0	000' per ATC. Needles is close to	KHII and I reported	airport in sight. Weather was			
above the airp	ort so I began descer	it at a good rate. As	d that they saw no traffic in the an I was descending I decided to loa	ad in the RNAV 32 a	pproach. My plan was to fly			
the left downw the visual app	rind leg and extend it إ roach. I thought this w	past the FAF of HOI rould allow me to be	OKI then turn left base to capture at the correct altitude and speed	the approach bas to fly the final appro	ically flying vectors to final on bach. However, as I passed			
abeam the thr	eshold on the downwi	nd leg with my spec	ed in excess of what it should hav approach. (There was no reason f	e been at that point,	for some inexplicable reason			
meetings, I ha	d plenty of fuel remain	ning, etc.) On short	final I was focused on airspeed a	nd and a safe landin	g point about 2000' from the			
thought the gr	inding noise was a blo	own tire - having nev	truction the only taxiway open wa ver experienced one - so I focuse	d on keeping the aird	craft on the centerline as			
much as poss had just occur	ible. When the aircrafi red. Then I heard son	came to a stop on neone on unicom sa	the runway I sat for several secor ying the plane was on fire and to	nds sort of shocked a get out. At that poin	and trying to process what t I cut off the engines, turned			
	and exited the aircraf		was walking away that I neglecte					
.e.rer ine gear								

## RECOMMENDATION (How could this accident/incident have been prevented?) Operator/Owner Safety Recommendation Whether reviewing accidents as part of recurrent training or studying accidents on my own I have always had two thoughts when an aircraft runs out of fuel, or stalls, or lands gear up. What could the pilot possibly have been thinking and I'll never do that. Well, I did that and I have spent many, many hours attempting to understand what this pilot must have been thinking when the accident chain began with disengaging the autopilot to enter an unstable approach. I have read several books over time about the brain and how it functions which probably has some bearing on what I'm about to write. While descending from Needles VOR my, logical, rational, disciplined mind that has always been in control as a pilot made a plan to land on runway 32 at KHII. That is when I decided to enter the RNAV 32 approach and fly an extended left downwind to give myself plenty of time to lose altitude and speed prior to flying the final approach. After passing the point abeam the threshold by perhaps 3 miles (although I am not exactly sure of distance) and too fast, I disengaged the autpilot and began the turn toward the airport. In the previous section I said for some inexplicable reason. The only thing that makes sense to me right now is that a small portion of my brain that judges and reacts impulsively was somehow able to overide my "pilot brain" and take over decision making and fly the airplane - even though it was certainly not equipped to do so. And it was also able to subdue my rational, disciplined pilot mind at the point of disengaging the autopilot through the remainder of the flight. I imagine my impulsive brain taking over and saying, "I got this." Otherwise, I cannot explain why I would enter an obviously unstable approach and not at any point think this is a really bad idea and go around. Or, even then while too fast, not to think to slow down by lowering the landing gear. And, finally, neglecting to perform the before landing checklist - my abbreviated version on short final as a double check - "GFY lights" (gear, flaps, yaw damper, lights). As I continue to try to think through the flight upon disengaging the autopilot it has been a blur and difficult to recall perhaps because of the shock and traumatizing impact on my "pilot brain." After flying for many years focused on flying stabilized approaches this is the only way I have been able to understand what happened. (continued) MECHANICAL MALFUNCTION/FAILURE (If more space is needed, continue on separate sheet) Was there Mechanical Malfunction/Failure? Yes No Total Time/Cycles (If yes, list the name of the part, manufacturer, part no., serial no., and describe the failure.) On Part Hours Cycles Time Since This Part Inspected/Overhauled Hours **FUEL & SERVICES INFORMATION** Fuel on Board at Last Takeoff Fuel Type (Convert from pounds, as necessary) O 80/87 O 115/145 O Jet B O Other, specify \_\_\_\_\_ O 100 Low Lead O Jet A O JP8 \_\_ Gallons O 100/130 O Jet A-1 O Automotive Other Services, if Any, Prior to Departure None **EVACUATION OF AIRCRAFT** Was an emergency evacuation of the aircraft performed? Yes □ No Method of Exit - Describe how the occupants exited and how many occupants evacuated each location through the cabin entrance door OTHER AIRCRAFT - COLLISION (If air or ground collision occurred, complete this section for other aircraft) Aircraft Registration Number | Manufacturer: Damage to Other Aircraft ■ Destroyed ☐ Minor Model: ■ Substantial ☐ None Registered Owner of Other Aircraft Pilot of Other Aircraft Name: Name: City: \_\_\_\_\_ ZIP: State: Country: Country:

ADDITIONAL INFORMATION (Please type or print in ink)								
Use this space if additional space	is needed for any answers.							
Recommendation - continued								
have piloted many flights as the sole occupant usually on empty legs during over 150 Angel Flight missions. I have never deviated in my disciplined approach to flying, whether solo or not, until this flight which is what makes it so difficult to comprehend. I have two thoughts in terms of recommendations - both obvious. First, always fly stabilized approaches and if not stabilized ALWAYS fly the missed or go around. And second, to reinforce the first, always fly as if those closest to you are on board because they are, whether physically or not.								
I HEREBY CERTIFY THAT TH	IE ABOVE INFORMATION IS COMPLE	ETE AND ACCURATE TO THE BEST OF N	Y KNOWLEDGE					
Date of this Report Name of I	Pilot/Operator: Byron R Baker		<del></del>					
12/10.2021 Signature								
or	Check here to electronically sign this of	locument						
If a Person Other than Pilot/Operator is Filing Report  Name: Title:								
or Check here to electronically sign this document								
FOR NTSB USE ONLY								
NTSB Accident/Incident No. WPR22LA058	Reviewed by NTSB Regional Office WPR	Name of Investigator James M. Bledsoe	Date Report Received 12/13/2021					