

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

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

BASIC INFORMATION

Accident/Incident Location Nearest City/Place: <u>Big Bear airport (L35)</u> State: <u>CA</u> ZIP: _____ Country: _____ Latitude: _____ (dd:mm:ss N/S) Longitude: _____ (ddd:mm:ss E/W)		Date/Time Date: <u>05/09/2024</u> Local Time: <u>1320</u> mm/dd/yyyy Time Zone: <u>PDT</u>	
Phase of Operation ☐ Standing ☒ Takeoff (incl. initial climb) ☐ Cruise ☐ Hover ☐ Taxi ☐ Climb ☐ Maneuvering ☐ Other ☐ Descent ☐ Landing ☐ Approach ☐ Unknown		Collision with Other Aircraft ☐ Midair ☐ On-ground ☒ None	
		Altitude of In-Flight Occurrence <u>N/A</u> ft MSL	

AIRCRAFT INFORMATION

Manufacturer: <u>Cessna</u> Model: <u>C195B</u> Serial Number: <u>16178</u> Registration Number: <u>N2193C</u> Amateur-built: ☐ Yes ☒ No		Max Gross Weight: <u>3350</u> lbs Weight at Time of Accident/Incident: <u>2854</u> lbs Location of Center of Gravity at Time of Accident/Incident: <u>41</u> inches from ☐ nose or ☒ datum -or- _____ Percent Mean Aerodynamic Cord (% MAC)	
Category of Aircraft ☒ Airplane ☐ Balloon ☐ Blimp/Dirigible ☐ Glider ☐ Gyrocraft ☐ Helicopter ☐ Powered lift ☐ Ultralight ☐ Unknown	Type of Airworthiness Certificate (Check all that apply) Standard ☒ Normal ☐ Utility ☐ Acrobatic ☐ Transport Special ☐ Restricted ☐ Limited ☐ Provisional ☐ Experimental ☐ Special Flight ☐ Light Sport	Number of Seats: <u>5</u> If Large Aircraft, how many seats for: Flight Crew: _____ Cabin Crew: _____ Passengers: _____	Landing Gear ☐ Retractable Check any additional landing gear configuration that applies: ☐ Tricycle ☒ Tailwheel ☐ Amphibian ☐ High Skid ☐ Emergency Float ☐ Skid ☐ Float ☐ Ski ☐ Hull ☐ Ski/Wheel ☐ Unknown

Type of Maintenance Program ☒ Annual ☐ Conditional (Amateur-built only) ☐ Manufacturer's Inspection Program ☐ Other Approved Inspection Program (AAIP) ☐ Continuous Airworthiness ☐ Other, specify: _____	Last Inspection Type ☐ 100 Hour ☐ Continuous Airworthiness ☐ AAIP ☐ Conditional Inspection ☒ Annual ☐ Unknown	Date Last Inspection: <u>03/21/2024</u> mm/dd/yyyy Airframe Total Time: <u>4074.1</u> hrs hours measured at (check one) ☒ Last Inspection ☐ Time of Accident/Incident
IFR Equipped ☒ Yes ☐ No ☐ Unknown	Stall Warning System Installed ☒ Yes ☐ No ☐ Unknown	Type of Fire Extinguishing System ☐ None ☐ Specify <u>Fire extinguisher under seat</u>
ELT Installed ELT Activated ☒ Yes ☐ No ☒ Yes ☐ No	ELT Manufacturer: <u>ACK</u> Model/Series: <u>E-04</u> Serial Number: <u>C/S 11273</u> Battery Type: <u>Lithium</u> Battery Exp. Date: <u>01/08/2029</u>	

Engine Type ☒ Reciprocating ☐ Turbo Jet ☐ Turbo Shaft ☐ Turbo Fan ☐ Turbo Prop ☐ Unknown	Reciprocating Fuel System Type ☒ Carburetor ☐ Fuel Injected	Propeller ☐ Fixed Pitch ☒ Controllable Pitch Manufacturer: <u>Hartzell</u> Model: <u>2B20</u>
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Engine	Engine Manufacturer	Engine Model/Series	Manufacturer's Serial Number	Date of Mfg. mm/dd/yyyy	Engine Rated Power Measured as (check one) ☒ Horsepower or ☐ lbs of Thrust	Total Time (hours)	Time Since Inspection (hours)	Time Since Overhaul (hours)
Eng. 1	Jacobs	R-755 A2	31114	1942	300	2730.2	5.5	241.0
Eng. 2								
Eng. 3								
Eng. 4								

OWNER/OPERATOR INFORMATION		
Registered Aircraft Owner Name: <u>Bernard C. Clerx</u> Fractional Ownership Aircraft: ☐ Yes ☒ No		Owner Address [REDACTED] City: <u>Newport Beach</u> State: <u>CA</u> ZIP: <u>92662</u> Country: <u>USA</u>
Operator of Aircraft ☒ Same As Registered Owner Name: _____ Doing Business As: _____ Air Carrier/Operator Designator (4 Character Code): _____		Operator Address ☒ Same As Registered Owner City: _____ State: _____ ZIP: _____ Country: _____
Regulation Flight Conducted Under ☒ FAR 91 ☐ FAR 129 ☐ FAR 91 Special Flight ☐ Public Use (select type) ☐ FAR 103 ☐ FAR 133 ☐ Non-US, Commercial ☐ Federal ☐ State ☐ Local ☐ FAR 121 ☐ FAR 135 ☐ Non-US, Non-commercial ☐ Unknown ☐ FAR 125 ☐ FAR 137 ☐ Armed Forces		Revenue Sightseeing Flight ☐ Yes ☒ No Air Medical Flight ☐ Yes ☒ No
Purpose of Flight for FAR 91, 103, 133, 137 (Select one) ☒ Personal ☐ Business ☐ Executive/Corporate ☐ Other Work Use ☐ Instructional ☐ Ferry ☐ Positioning ☐ Aerial Application ☐ Aerial Observation ☐ Air Drop ☐ Air Race / Show ☐ Flight Test ☐ Public Use ☐ Unknown	Revenue Operation for FAR 121, 125, 129, 135 (Select one) ☐ Scheduled or Commuter ☐ Non-Scheduled or Air Taxi Domestic or International ☐ Domestic ☐ International Cargo Operation ☐ Passenger/Cargo ☐ Passenger _____ How many? ☐ Cargo _____ lbs ☐ Mail	Type of Commercial Operating Certificate Held (Select all that apply) ☒ None ☐ Flag Carrier Operating Certificate (121) ☐ Supplemental ☐ Air Cargo ☐ Foreign Air Carriers (129) ☐ Commuter Air Carrier (135) ☐ On-Demand Air Taxi (135) ☐ Large Helicopter (127) ☐ Rotorcraft External Load (133) - or - ☐ Agricultural Aircraft (137) ☐ Other Operator of Large Aircraft
OTHER AIRCRAFT – COLLISION (If air or ground collision occurred, complete this section for other aircraft)		
Aircraft Registration Number _____	Manufacturer: _____ Model: _____	Damage to Other Aircraft ☐ Destroyed ☐ Minor ☐ Substantial ☐ None
Registered Owner of Other Aircraft First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		
Pilot of Other Aircraft First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		
MECHANICAL MALFUNCTION/FAILURE (If more space is needed, continue on separate sheet)		
Was there Mechanical Malfunction/Failure? ☐ Yes ☒ No ☐ Unknown (If yes, list the name of the part, manufacturer, part no., serial no., and describe the failure.) 		Total Time/Cycles On Part _____ Hours _____ Cycles Time Since This Part Inspected/Overhauled _____ Hours
DAMAGE TO AIRCRAFT AND OTHER PROPERTY		
Aircraft Damage ☐ None ☒ Substantial ☐ Minor ☐ Destroyed	Aircraft Fire ☒ None ☐ Both Ground and In-Flight ☐ In-Flight ☐ Unknown Origin ☐ On-Ground	Aircraft Explosion ☒ None ☐ Both Ground and In-Flight ☐ In-Flight ☐ Unknown Origin ☐ On-Ground

Description of Damage to Aircraft and Other Property <i>(use additional sheet if necessary)</i> Landing gear collapsed (fixed gear) Motor mount bent Propeller bent Sheet metal damage Other Property Damage: Airport runway light (PAPI)			
AIRPORT INFORMATION <i>(If the accident/incident occurred on approach, takeoff or within 3 miles of an airport, complete this section)</i>			
Airport Identifier: <u>L35</u>		Distance From Airport Center: <u>0</u> SM	
Airport Name: <u>Big Bear</u>		Direction From Airport: <u>0</u> degrees MAG	
Proximity to Airport ☐ Off Airport/Airstrip ☒ On Airport ☐ On Airstrip		Airport Elevation: <u>6752</u> ft. MSL	
Approach Segment <i>(Select one)</i> ☐ On Instrument Approach ☐ Landing ☐ Base leg ☐ Final ☐ Go Around ☐ Crosswind ☐ Downwind ☐ Low Approach ☐ Aborted Landing (after touchdown)			
IFR Approach <i>(Check all that apply)</i> ☐ None ☐ PAR ☐ MLS ☐ Practice ☐ ADF/NDB ☐ Sideslip ☐ LDA ☐ GPS ☐ SDF ☐ ILS ☐ ASR ☐ Loran ☐ VOR/TVOR ☐ Localizer Only ☐ Visual ☐ Unknown ☐ VOR/DME ☐ LOC-back course ☐ Contact ☐ TACAN ☐ RNAV ☐ Circling		VFR Approach <i>(Check all that apply)</i> ☐ None ☐ Stop and Go ☐ Traffic Pattern ☐ Touch and Go ☐ Straight-In ☐ Simulated Forced Landing ☐ Valley/Terrain Following ☐ Forced Landing ☐ Go Around ☐ Precautionary Landing ☐ Full Stop ☐ Unknown	
Runway Information Runway ID: <u>8</u> (L/R/C) Length: <u>5850</u> ft Width: <u>75</u> ft		Condition of Runway/Landing Surface <i>(Check all that apply)</i> ☒ Dry ☐ Snow-Compacted ☐ Water-Calm ☐ Holes ☐ Snow-Crusted ☐ Water-Choppy ☐ Ice Covered ☐ Snow-Dry ☐ Water-Glassy ☐ Rough ☐ Snow-Wet ☐ Wet ☐ Rubber Deposits ☐ Soft ☐ Unknown ☐ Slush Covered ☐ Vegetation	
Runway/Landing Surface <i>(Check all that apply)</i> ☒ Asphalt ☐ Grass/Turf ☐ Macadam ☐ Water ☐ Concrete ☐ Gravel ☐ Metal/Wood ☐ Unknown ☐ Dirt ☐ Ice ☐ Snow			
FLIGHT ITINERARY INFORMATION			
Last Departure Point Airport ID: <u>L35</u> City: <u>Big Bear</u> State: <u>CA</u> Country: <u>USA</u>		Time of Departure Time: <u>1320</u> Time Zone: <u>PDT</u>	
Destination Airport ID: <u>KFUL</u> City: <u>Fullerton</u> State: <u>CA</u> Country: <u>USA</u>		Type Flight Plan Filed ☒ None ☐ VFR/IFR ☐ Company VFR ☐ IFR ☐ Military VFR ☐ Unknown ☐ VFR Activated? ☐ Yes ☒ No	
Type of ATC Clearance/Service <i>(Check all that apply)</i> ☒ None ☐ Special VFR ☐ Special IFR ☐ VFR Flight Following ☐ Cruise ☐ VFR ☐ IFR ☐ VFR On Top ☐ Traffic Advisory ☐ Unknown / NA			
Airspace where the accident/incident occurred <i>(Check all that apply)</i> ☐ Class A ☒ Class E ☐ Prohibited Area ☐ Jet Training Area ☐ Special ☐ Class B ☐ Class G ☐ Restricted Area ☐ TRSA ☐ Air Traffic Control Area ☐ Class C ☐ Demo Area ☐ Military Operations Area (MOA) ☐ FAR 93 ☐ Unknown ☐ Class D ☐ Warning Area ☐ Airport Advisory Area			
Aircraft Load Description <i>(Check all that apply)</i> ☐ None ☐ Towing Glider ☐ Parachutists ☐ Livestock ☒ Passengers ☐ Towing Banner ☐ Water ☐ Unknown ☒ Cargo ☐ Other External ☐ Chemical/Fertilizer/Seeds			
FUEL & SERVICES INFORMATION			
Fuel on Board at Last Takeoff <i>(convert from pounds, as necessary)</i> <u>48</u> Gallons		Fuel Type ☐ 80/87 ☐ 115/145 ☐ JP3 ☐ Other, specify _____ ☒ 100 Low Lead ☐ Jet A ☐ JP4 ☐ 100/130 ☐ Automotive ☐ JP5	
Other Services, if Any, Prior to Departure			

EVACUATION OF AIRCRAFTWas an emergency evacuation of the aircraft performed? ☒ Yes ☐ No

Method of Exit – Describe how the occupants exited and how many occupants evacuated each location

*The 2 occupants exited through the right door***WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE****Weather Observation Facility**Facility ID: AWOS (L35)Observation Time: 1315 PDTTime Zone: PDTDistance from Accident Site: 0 NMDirection from Accident Site: 0 degrees MAG**Source of Weather Information**

(Check all that apply)

☐ National Weather Service☐ Flight Service Station☐ TV/Radio☒ Automated Report☒ Commercial Weather Service (DUATS)☐ Company☐ Military☐ Internet☐ Unknown**Method of Briefing**

(Check all that apply)

☐ In Person☐ Teletype☐ Telephone/Computer☒ Aircraft Radio☐ TV/Radio☐ Unknown**Briefing Type/Completeness**☐ Full☐ Partial / Limited By Pilot☐ Partial / Limited By Briefer☐ Abbreviated☐ Unknown☒ Not Pertinent**Light Condition**☒ Dawn☐ Dusk☒ Day☐ Night☐ Dark Night☐ Bright Night☐ Not Reported**Visibility**10+ miles**Sky/Lowest Cloud Condition**☒ Clear☐ Few☐ Partial Obscuration☐ Scattered☐ Thin Broken☐ Thin Overcast☐ Unknown**Ceiling**☒ None (clear)☐ Broken☐ Overcast☐ Obscured☐ Indefinite☐ Unknown**Restriction to Visibility (Check all that apply)**☒ None☐ Blowing Dust☐ Blowing Sand☐ Blowing Snow☐ Blowing Spray☐ Dust☐ Fog☐ Ground Fog☐ Haze☐ Ice Fog☐ Smoke☐ Unknown**Lowest Cloud Condition Height**

ft AGL

Ceiling Height

ft AGL

Wind Direction☒ Indicated:050 degrees MAG☒ Variable**Wind Speed**Velocity: 6-10 KTS

-or-

☐ Calm☐ Light and Variable**Wind Gusts**Velocity: 8-15 KTS☒ Gusting☐ Not Gusting**Type of Turbulence (Check all that apply)**☐ None☐ Clear Air☐ In Clouds☐ Vicinity of Thunderstorm**Severity of Turbulence**☐ Extreme☐ Severe☐ Moderate☐ Moderate Chop☒ Light**NOTAMs (D, L and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident***None*Temperature: 12 (C)
or _____ (F)Altimeter Setting: 30.10 in. HG
or _____ MBDensity Altitude: 6404 ftDew Point: -7 (C)
or _____ (F)**Icing Forecast**

Amount

☒ None☐ Trace☐ Light☐ Moderate☐ Severe

Type

☐ Rime☐ Clear☐ Mixed**Icing Actual**

Amount

☒ None☐ Trace☐ Light☐ Moderate☐ Severe

Type

☐ Rime☐ Clear☐ Mixed**Type of Precipitation (Check all that apply)**☒ None☐ Rain☐ Snow☐ Hail☐ Rain Showers☐ Freezing Rain☐ Snow Shower☐ Drizzle☐ Ice Pellets☐ Snow Pellets☐ Snow Grains☐ Ice Crystals☐ Ice Pellets Shower☐ Freezing Drizzle**Intensity of Precipitation**☐ Light☐ Moderate☐ Heavy

PILOT "A" INFORMATION																																																																																																				
Pilot "A" Responsibilities at the Time of Accident/Incident ☒ Pilot ☐ Co-Pilot ☐ Student Pilot ☐ Flight Instructor ☐ Check Pilot ☐ Flight Engineer ☐ Other Flight Crew																																																																																																				
Pilot "A" Identification First Name: <u>Bernard</u> Middle Initial: <u>E.</u> Last Name: <u>Clerx</u> City: <u>Newport Beach</u> State: <u>CA</u> ZIP: <u>92662</u> Country: <u>USA</u> Age at time of Accident/Incident: <u>65</u> Date of Birth: [REDACTED] Certificate Number: [REDACTED]																																																																																																				
Degree of Injury ☒ None ☐ Fatal ☐ Minor ☐ Unknown ☐ Serious			Seat Occupied ☒ Left ☐ Front ☐ Unknown ☐ Right ☐ Rear ☐ Center ☐ Single			Seat Belt Used ☒ Yes ☐ No Available ☒ Yes ☐ No			Shoulder Harness Used ☒ Yes ☐ No Available ☒ Yes ☐ No																																																																																											
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Student ☐ Recreational ☒ Commercial ☒ Flight Engineer ☐ Foreign ☐ Private ☐ Flight Instructor ☐ Sport ☒ Airline Transport ☐ U.S. Military																																																																																																				
Principal Occupation ☒ Pilot ☐ Other ☐ Unknown		Medical Certificate ☐ None ☐ Class 3 ☒ Class 1 ☐ Driver's License (Sport Pilot only) ☐ Class 2 ☐ Unknown			Medical Certificate Validity ☐ Without limitations/waivers ☒ With limitations/waivers ☐ Unknown			Date of Last Medical <u>03/07/2024</u> mm/dd/yyyy																																																																																												
Medical Certificate Limitations <u>Must use corrective glasses</u>																																																																																																				
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Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: <u>08/31/2023</u> mm/dd/yyyy			Flight Review Aircraft Make: <u>Airbus</u> <u>(Douglas Part 91)</u> Model: <u>A320</u> <u>(DC-3 SIC check 04/23/2024)</u>																																																																																																	
Airplane Rating(s) (Check all that apply) ☐ None ☒ Single-Engine Land ☐ Single-Engine Sea ☒ Multiengine Land ☐ Multiengine Sea		Other Aircraft Rating(s) (Check all that apply) ☐ None ☐ Airship ☐ Free Balloon ☒ Glider ☐ Gyroplane ☐ Helicopter ☐ Powered Lift		Instrument Rating(s) (Check all that apply) ☐ None ☒ Airplane ☐ Helicopter ☐ Powered Lift		Instructor Rating(s) (Check all that apply) ☐ None ☒ Airplane Single-Engine ☒ Airplane Multi-Engine ☐ Gyroplane ☐ Powered Lift ☒ Instrument Airplane ☐ Instrument Helicopter ☐ Helicopter ☐ Glider ☐ Sport																																																																																														
Type Ratings <u>A-320, B-707, B-720, B-737, B-757, B-767, B-777</u> <u>CE-500, DC-9</u>						Student Endorsements (Include dates)																																																																																														
<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2" style="text-align: left; padding: 2px;">Flight Time (enter appropriate number of hours in each box)</th> <th rowspan="2" style="padding: 2px;">All Aircraft</th> <th rowspan="2" style="padding: 2px;">This Make & Model</th> <th rowspan="2" style="padding: 2px;">Airplane Single Engine</th> <th rowspan="2" style="padding: 2px;">Airplane Multiengine</th> <th rowspan="2" style="padding: 2px;">Night</th> <th colspan="2" style="padding: 2px;">Instrument</th> <th rowspan="2" style="padding: 2px;">Rotorcraft</th> <th rowspan="2" style="padding: 2px;">Glider</th> <th rowspan="2" style="padding: 2px;">Lighter Than Air</th> </tr> <tr> <th style="padding: 2px;">Actual</th> <th style="padding: 2px;">Simulated</th> </tr> </thead> <tbody> <tr> <td style="text-align: left; padding: 2px;">Total Time</td> <td style="padding: 2px;">26,396</td> <td style="padding: 2px;">83.3</td> <td style="padding: 2px;">1802</td> <td style="padding: 2px;">24,318</td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;">277</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="text-align: left; padding: 2px;">Pilot in Command (PIC)</td> <td style="padding: 2px;">14,864</td> <td style="padding: 2px;">83.3</td> <td style="padding: 2px;">1752</td> <td style="padding: 2px;">22,566</td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;">255</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="text-align: left; padding: 2px;">Time as Instructor</td> <td style="padding: 2px;">3682</td> <td style="padding: 2px;">15</td> <td style="padding: 2px;">820</td> <td style="padding: 2px;">2862</td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;">0</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="text-align: left; padding: 2px;">This Make/Model</td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> </tr> <tr> <td style="text-align: left; padding: 2px;">Last 90 Days</td> <td style="padding: 2px;">17.7</td> <td style="padding: 2px;">12.1</td> <td style="padding: 2px;">12.1</td> <td style="padding: 2px;">5.6</td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;">0</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="text-align: left; padding: 2px;">Last 30 Days</td> <td style="padding: 2px;">7.8</td> <td style="padding: 2px;">5.5</td> <td style="padding: 2px;">5.5</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;">0</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="text-align: left; padding: 2px;">Last 24 Hours</td> <td style="padding: 2px;">1.4</td> <td style="padding: 2px;">1.4</td> <td style="padding: 2px;">1.4</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;">0</td> <td style="padding: 2px;"></td> </tr> </tbody> </table>											Flight Time (enter appropriate number of hours in each box)	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Actual	Simulated	Total Time	26,396	83.3	1802	24,318					277		Pilot in Command (PIC)	14,864	83.3	1752	22,566					255		Time as Instructor	3682	15	820	2862					0		This Make/Model											Last 90 Days	17.7	12.1	12.1	5.6					0		Last 30 Days	7.8	5.5	5.5	0					0		Last 24 Hours	1.4	1.4	1.4	0					0	
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PILOT "B" INFORMATION																																																																																																				
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Pilot "B" Identification First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ Age at time of Accident/Incident: _____ Date of Birth: _____ mm/dd/yyyy Certificate Number: _____																																																																																																				
Degree of Injury ☐ None ☐ Fatal ☐ Minor ☐ Unknown ☐ Serious		Seat Occupied ☐ Left ☐ Front ☐ Unknown ☐ Right ☐ Rear ☐ Center ☐ Single			Seat Belt Used ☐ Yes ☐ No Available ☐ Yes ☐ No			Shoulder Harness Used ☐ Yes ☐ No Available ☐ Yes ☐ No																																																																																												
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Principal Occupation ☐ Pilot ☐ Other ☐ Unknown		Medical Certificate ☐ None ☐ Class 3 ☐ Class 1 ☐ Driver's License (Sport Pilot only) ☐ Class 2 ☐ Unknown			Medical Certificate Validity ☐ Without limitations/waivers ☐ With limitations/waivers ☐ Unknown			Date of Last Medical _____ mm/dd/yyyy																																																																																												
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Airplane Rating(s) <i>(Check all that apply)</i> ☐ None ☐ Single-Engine Land ☐ Single-Engine Sea ☐ Multiengine Land ☐ Multiengine Sea		Other Aircraft Rating(s) <i>(Check all that apply)</i> ☐ None ☐ Airship ☐ Free Balloon ☐ Glider ☐ Gyroplane ☐ Helicopter ☐ Powered Lift		Instrument Rating(s) <i>(Check all that apply)</i> ☐ None ☐ Airplane ☐ Helicopter ☐ Powered Lift		Instructor Rating(s) <i>(Check all that apply)</i> ☐ None ☐ Airplane Single-Engine ☐ Airplane Multi-Engine ☐ Gyroplane ☐ Powered Lift ☐ Instrument Airplane ☐ Instrument Helicopter ☐ Helicopter ☐ Glider ☐ Sport																																																																																														
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ADDITIONAL FLIGHT CREW MEMBERS (Exclusive of cabin attendants, complete the following information)														
Pilot Name and Address						Degree of Injury								
First Name: _____		City: _____		State: _____ ZIP: _____		☐ None		☐ Fatal						
Middle Initial: _____		State: _____		ZIP: _____		☐ Minor		☐ Unknown						
Last Name: _____		Country: _____				☐ Serious								
Pilot Certificate(s) (Check all that apply)						Seat Occupied								
☐ None		☐ Student		☐ Recreational		☐ Commercial		☐ Flight Engineer						
☐ Private		☐ Flight Instructor		☐ Sport		☐ Airline Transport		☐ U.S. Military						
								☐ Foreign						
Type Rating/Endorsement for Accident/Incident Aircraft?				☐ Yes ☐ No		Total Flight Time at the Time of this Accident/Incident: _____ hrs								
Pilot Name and Address						Degree of Injury								
First Name: _____		City: _____		State: _____ ZIP: _____		☐ None		☐ Fatal						
Middle Initial: _____		State: _____		ZIP: _____		☐ Minor		☐ Unknown						
Last Name: _____		Country: _____				☐ Serious								
Pilot Certificate(s) (Check all that apply)						Seat Occupied								
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								☐ Foreign						
Type Rating/Endorsement for Accident/Incident Aircraft?				☐ Yes ☐ No		Total Flight Time at the Time of this Accident/Incident: _____ hrs								
PASSENGER(S) / OTHER PERSONNEL (Include flight attendants; continue on separate sheet if necessary)														
Name and Address				Seat	Crew	Non-Revenue	Revenue	Non-Occupant	FAA	Fatal	Serious Injury	Minor Injury	No Injury	Unknown
First Name: <u>Cameron</u> City: <u>Dana Point</u> Middle Initial: <u>R</u> State: <u>CA</u> ZIP: <u>92629</u> Last Name: <u>Clerx</u> Country: <u>USA</u>				<u>R</u>	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____				_____	☐	☐	☐	☐	☐	☐	☐	☐	☐	
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____				_____	☐	☐	☐	☐	☐	☐	☐	☐	☐	
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____				_____	☐	☐	☐	☐	☐	☐	☐	☐	☐	
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____				_____	☐	☐	☐	☐	☐	☐	☐	☐	☐	
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First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____				_____	☐	☐	☐	☐	☐	☐	☐	☐	☐	
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____				_____	☐	☐	☐	☐	☐	☐	☐	☐	☐	

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 time and point of departure, intended destination, and services obtained.

N2193C Accident Description

Landed at Big Bear airport for lunch and spent a little over an hour on the ground. The landing was normal with a crosswind from the left. The planned departure for Big Bear airport (L35) was runway 8. AWOS (continuous automatic weather reporting via radio) winds were reported as mostly 050/6G10 with intermittent 020/8G16. During taxi to runway 8, the crosswind could be felt, but was easily controllable. During run-up checks, the windsock agreed with the AWOS reports, but I did not note any of the intermittent strong direct crosswind gusts that the AWOS had reported.

I started the takeoff roll with the normal crosswind corrections appropriate from my windsock observations (approx. 30 degree left gusty crosswind at 10 kts). Initial takeoff roll progressed normally and as I raised the tail to get the fin/rudder up in undisturbed airflow to increase rudder effectiveness (in trade for losing the directional stability of having the tailwheel held firmly on the ground), a strong crosswind gust caused the aircraft to rapidly weathervane 30 degrees nose left. I was able to stop the swerve to the left, but I was not able to keep the plane from rolling onto the adjacent dirt surface using full right rudder and right brakes, departing the runway at about a 30 degree angle to the left.

The plan would normally be to bring the aircraft to a stop and taxi back. However, I was not able to avoid contact with the close proximity PAPI lights and the small ditch right behind it. As a result, the aircraft suffered a collapsed landing gear hitting the PAPI lights (enclosed in a steel box near the runway edge), and a bent motor mount from the ditch. I closed the fuel valve, shut down the electrical system and we (myself and a passenger) egressed the aircraft without any injuries.

RECOMMENDATION (How could this accident/incident have been prevented?)

Operator/Owner Safety Recommendation

Preventive Measures

During the time in the run-up area, I did not notice any of the strong Northerly (nearly a direct crosswind) crosswind gusts on the windsock. Only the approx. 30 degree/10 knot gusty winds from the left, which was an easily controllable routine crosswind. So, my mindset was on the observed winds and not so much on the intermittent strong direct crosswinds that were possible. I could have been better prepared for that possibility by:

- 1) Keeping the tailwheel firmly on the runway longer so that I would have more airspeed and rudder authority when I did raise the tail.
- 2) Or, I could have raised the tail immediately. The fin/rudder would have been in undisturbed airflow, but at a lower airspeed initially. But the trade-off would have been a lower angle of attack which would have provided more weight-on wheels and improved differential braking authority to maintain directional control. And even if the plane did still make an excessive swerve, the plane could have been stopped on the runway at that low speed.

Lastly, as a general situational awareness item, I should have noticed the obstacle (PAPI lights) near the runway as a potential threat in case of loss of directional control for any reason (blown tire, locked brake, wind, etc.). I could have started my takeoff 500 ft down the runway since runway length was not an issue, thereby eliminating the obstacle threat altogether. In that case, I could have simply rolled to a stop on a nice flat dirt field and taxied back to assess the situation and apply the above corrective actions to the next takeoff.

ADDITIONAL INFORMATION *(Please type or print in ink)*

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

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**Date of this Report**05/17/2024
mm/dd/yyyy**Signature and Name of Pilot/Operator**Signature: 
Type or Print Name: Bernard C. Clerx**Signature and Name of Person Filing Report if Other than Pilot/Operator**

Signature: _____

Type or Print Name: _____

Title: _____

FOR NTSB USE ONLYNTSB Accident/Incident No.
WPR24LA145Reviewed by NTSB Regional Office
WPRName of Investigator
Zoë KeliherDate Report Received
05/22/24