

NATIONAL TRANSPORTATION SAFETY BOARD

NTSB Form 6120.1

PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT

The pilot/operator aircraft accident/incident report may be filed by mailing in this form, per instructions on the last page. Copies of this form may be obtained from the NTSB Web site <<http://www.ntsb.gov>>, the National Transportation Safety Board Regional Offices, and the Federal Aviation Administration Flight Standards District Offices.

Rules pertaining to aircraft accidents/incidents, overdue aircraft, and safety issues are contained in Part 830 of the National Transportation Safety Board's Regulations, 49CFR. These rules state the authority of the Board, define accidents, incidents, injuries, and other terms, and provide procedures for initial and immediate notification by aircraft pilots/operators.

A. APPLICABILITY

The pilot/operator of an aircraft shall file a report with the Regional Office of the National Transportation Safety Board nearest the accident or incident for which immediate notification is required by section 830.5(a). **The report shall be filed within ten (10) days after an accident for which notification is required by Section 830.5 or when, after seven (7) days, an overdue aircraft is still missing.** An aircraft accident, as defined in 49CFR 830.2, is determined as an occurrence that involves a fatality, serious injury, or substantial damage. 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, National Transportation Safety Board, 490 L'Enfant Plaza, S.W., Washington, D.C. 20594.

The Pilot/Operator Aircraft Accident/Incident Report Form is used in determining the facts, conditions, and circumstances for aircraft accident prevention activities and for statistical purposes. It is necessary that **ALL** questions be answered completely and accurately to serve the above purposes.

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 C.F.R. 830.2.

2. "Substantial Damage" means damage or failure which adversely affects the structural strength, performance or flight characteristics of the aircraft, and which 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.

Nearest City/Place: Use the name of the nearest community that has a Post Office 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 manufacturer of the kit or plans when appropriate.

Max Gross Weight: Enter the certificated max 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.

Airworthiness Certificate: For light sport aircraft, if aircraft certificated as "Light Sport - Experimental", check both the "Light Sport" and "Experimental" check boxes.

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.

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

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 FAR Part 91 at the time of the accident.

Public Use: 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. Military operations should not be included under public use. If public use, also indicate whether the flight was conducted by Federal, State, or Local government.

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

Purpose of Flight (FAR 91, 103, 133, 137): Indicate the type of operation that was being conducted at the time of the occurrence using the following definitions:

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.

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.

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

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.

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

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

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—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.

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.

PUBLIC USE—See definition above.

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, takeoff, or within 3 miles of an airport. Please refer to the FAA Airport/Facility Directory or other official source for airport information.

Airport Identification: Provide the official 3 or 4 character airport identifier.

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 site.

Sky/Lowest Cloud Condition: Indicate the height above ground level of the lowest cloud condition present at the time of the accident 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 (reported as broken or overcast).

NOTAMs ((D), (L) and FDC), AIRMETs, SIGMETs, PIREPs: Describe all NOTAMs, AIRMETs, SIGMETs, PIREPs in effect near the accident/incident. For NOTAMs, state if they were distant (D), local (L), or Flight Data Center (FDC), if known.

Pilot Information: Indicate the category that best describes the capacity served by this flight crewmember at the time of the accident. The designators "Pilot A" and "Pilot B" 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 Crew Members: Complete this section if there were more than two required flight crew members 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: Please enter identification and injury severity information for all passengers and other personnel involved in the accident. See page 1 of the instructions for the official definition of injury levels. Occupants are considered "Revenue" passengers if they were being carried for compensation or hire. The option "FAA" refers to any FAA personnel performing a flight related function, including flight check, airman practical test, etc.

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 the NTSB Form 6120.1 Pilot/Operator Aircraft Accident/Incident Report. For additional definitions of questions and responses, please refer to <<http://www.nts.gov>>.

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: VENICE State: FL
 ZIP: 34223 Country: USA
 Latitude: 27.0315 (dd:mm:ss N/S) Longitude: 82.26.29 (ddd:mm:ss E/W)

Date/Time

Date: 07/27/2014 Local Time: 14:45 ^{TIME OF} ACCIDENT
 mm/dd/yyyy Time Zone: EPT

Phase of Operation

☐ Standing ☐ Takeoff (incl. initial climb) ☒ Cruise ☐ Hover
☐ Taxi ☐ Climb ☐ Maneuvering ☐ Other
☐ Descent ☒ Landing - FORCED ☐ Approach ☐ Unknown

Collision with Other Aircraft

☐ Midair
☐ On-ground
☒ None

Altitude of In-Flight Occurrence

N/A ft MSL

AIRCRAFT INFORMATION

Manufacturer: PIPER
 Model: PA-28-181
 Serial Number: 28-7690168
 Registration Number: N8826C Amateur-built: ☐ Yes ☒ No

Max Gross Weight: 2550 lbs
 Weight at Time of Accident/Incident: 2100 lbs
 Location of Center of Gravity at Time of Accident/Incident: 87 EST. 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: 4 (2 INST.)

If Large Aircraft, how many seats for:

Flight Crew: 2

Cabin Crew: 2

Passengers: 2

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: 02/17/2014
 mm/dd/yyyy

Airframe Total Time: _____ 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: _____

ELT Installed

☒ Yes ☐ No

ELT Activated

☐ Yes ☐ No UNK.

ELT Manufacturer:

Model/Series: _____

Serial Number: _____

Battery Type: _____

Battery Exp. Date: _____

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: SENSENBACH
 Model: 76EM855-0-60

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	<u>LYCOMING</u>	<u>O360-A4M</u>	<u>L-21155-364</u>	<u>05/02/1983</u>	<u>180</u>	<u>1902</u>	<u>10.2</u>	<u>836.3</u>
Eng. 2								
Eng. 3								
Eng. 4								

OWNER/OPERATOR INFORMATION			
Registered Aircraft Owner Name: <u>JONATHAN H. COLE</u> Fractional Ownership Aircraft: ☐ Yes ☒ No		Owner Address City: <u>ENGLEWOOD</u> State: <u>FL</u> ZIP: <u>33123</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 <u>N/A</u> for FAR 121, 125, 129, 135 (Select one) ☐ Scheduled or Commuter ☐ Non-Scheduled or Air Taxi Domestic or International ☐ Domestic ☐ International	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: <u>N/A</u>	Manufacturer: <u>N/A</u> Model: _____	Damage to Other Aircraft ☐ Destroyed ☐ Minor ☐ Substantial ☐ None	
Registered Owner of Other Aircraft First Name: <u>N/A</u> City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____			
Pilot of Other Aircraft <u>N/A</u> 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.) <u>ENGINE FAILURE.</u>			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 (use additional sheet if necessary)

Nose wheel, left wing collapse, prop strike

AIRPORT INFORMATION (If the accident/incident occurred on approach, takeoff or within 3 miles of an airport, complete this section)

 Airport Identifier: KVNC

 Distance From Airport Center: EST 1.5 SM

 Airport Name: VENICE MUNICIPAL APT

 Direction From Airport: EST 181 degrees MAG

 Proximity to Airport ☒ Off Airport/Airstrip ☐ On Airport ☐ On Airstrip

 Airport Elevation: 18' ft. MSL

Approach Segment (Select one)

☐ On Instrument Approach ☐ Landing ☐ Base leg ☐ Final ☐ Go Around
☐ Crosswind ☐ Downwind ☒ Low Approach ☐ Aborted Landing (after touchdown)

IFR Approach (Check all that apply)

☒ None ☐ PAR ☐ MLS ☐ Practice
☐ ADF/NDB ☐ Sidestep ☐ LDA ☐ GPS
☐ SDF ☐ ILS ☐ ASR ☐ Loran
☐ VOR/TWOR ☐ Localizer Only ☐ Visual ☐ Unknown
☐ VOR/DME ☐ LOC-back course ☐ Contact
☐ TACAN ☐ RNAV ☐ Circling

VFR Approach (Check all that apply)

☐ 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 N/A

 Runway ID: 23 (L/R/C) Length: 5000 ft Width: 150 ft

Runway/Landing Surface (Check all that apply)

☒ Asphalt ☐ Grass/Turf ☐ Macadam ☐ Water
☐ Concrete ☐ Gravel ☐ Metal/Wood ☐ Unknown
☐ Dirt ☐ Ice ☐ Snow

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
☐ Slush Covered ☐ Vegetation

FLIGHT ITINERARY INFORMATION
Last Departure Point

 Airport ID: X36

 City: ENGLEWOOD

 State: FL

 Country: USA
Time of Departure

 Time: 14:15

 Time Zone: EDT
Destination

 Airport ID: KVNC - X36

 City: VENICE

 State: FL

 Country: USA
Type Flight Plan Filed

☒ None ☐ VFR/IFR
☐ Company VFR ☐ IFR
☐ Military VFR ☐ Unknown
☐ VFR
 Activated? ☐ Yes ☐ No

Type of ATC Clearance/Service (Check all that apply)

☒ None ☐ Special VFR ☐ Special IFR ☐ VFR Flight Following ☐ Cruise
☐ VFR ☐ IFR ☐ VFR On Top ☐ Traffic Advisory ☐ Unknown / NA

Airspace where the accident/incident occurred (Check all that apply)

☐ 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 (Check all that apply)

☐ 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

(convert from pounds, as necessary)

20 LIT + 15 GALLONS 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

OIL ADDED, PARTIAL QUART

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

EXIT THROUGH PASSENGER DOOR TO BOARD 2 OCCUPANTS

WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE**Weather Observation Facility**

Facility ID: _____

Observation Time: _____

Time Zone: _____

Distance from Accident Site: _____ NM

Direction from Accident Site: _____ 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

_____ degrees MAG

☐ Variable**Wind Speed**

Velocity: _____ KTS

-or-

☐ Calm☐ Light and Variable**Wind Gusts**

Velocity: _____ KTS

☐ Gusting☐ Not Gusting**Type of Turbulence** (Check all that apply)☒ None☐ Clear Air☐ In Clouds☐ Vicinity of Thunderstorm**Severity of Turbulence**☐ Extreme☐ Moderate☐ Light☐ Severe☐ Moderate Chop

NOTAMS (D, L and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident

N/A

Temperature:

_____ (C)

or _____ (F)

Altimeter Setting:

_____ in. HG

or _____ MB

Density Altitude:

_____ ft

Dew Point:

_____ (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

N/A

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>KARL</u> City: <u>ENGLEWOOD</u> Middle Initial: <u>W</u> State: <u>FL</u> ZIP: <u>34228</u> Last Name: <u>KOKOMOOR</u> Country: <u>USA</u> Age at time of Accident/Incident: <u>57</u> Date of Birth: [REDACTED] Certificate Number: [REDACTED] mm/dd/yyyy																																																																																																				
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>02/11/2013</u> mm/dd/yyyy																																																																																													
Medical Certificate Limitations <u>MUST WEAR CORRECTIVE LENSES</u>																																																																																																				
Medical Certificate Waivers <u>N/A</u>																																																																																																				
Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: <u>02/11/2013</u> mm/dd/yyyy				Flight Review Aircraft Make: <u>PIPER</u> Model: <u>PA28-181</u> <u>N8826C</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 ☐ Instrument Airplane ☐ Airplane Multi-Engine ☐ Instrument Helicopter ☐ Gyroplane ☐ Glider ☐ Powered Lift ☐ Sport																																																																																														
Type Ratings <u>PRIVATE PILOT, SINGLE ENGINE LAND</u> <u>TAIL WHEEL ENDORSEMENT</u>						Student Endorsements (Include dates) <u>TAIL WHEEL 10/22/1997</u>																																																																																														
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ADDITIONAL FLIGHT CREW MEMBERS (Exclusive of cabin attendants, complete the following information)																
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Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No			Total Flight Time at the Time of this Accident/Incident: _____ hrs													
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PASSENGER(S) / OTHER PERSONNEL (Include flight attendants; continue on separate sheet if necessary)						Seat	Crew	Non-Revenue	Revenue	Non-Occupant	FAA	Fatal	Serious Injury	Minor Injury	No Injury	Unknown
Name and Address First Name: <u>DAVID</u> City: <u>ENGLEWOOD</u> Middle Initial: _____ State: <u>FL</u> ZIP: <u>34224</u> Last Name: <u>THEEN</u> Country: <u>US</u>						R2A	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____						_____	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
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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.

SEE ATTACHED DESCRIPTION.

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

Operator/Owner Safety Recommendation

NOT HAVE AN ENGINE FAILURE (UNKNOWN ORIGIN)

ADDITIONAL INFORMATION (Please type or print in ink)

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

SEE ATTACHED DESCRIPTION REFERENCED ON PRIOR
PAGE.

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Date of this Report

08/15/2014

mm/dd/yyyy

Signature and Name of Pilot/Operator

Signature

Type or Print Name:

KARL W. KOKOMOOR

Signature and Name of Person Filing Report if Other than Pilot/Operator

Signature

Type or Print Name:

Title:

FOR NTSB USE ONLY

NTSB Accident/Incident No.

ERA14LA362

Reviewed by NTSB Regional Office

ERA

Name of Investigator

COX

Date Report Received

8-16-14

Piper Archer II, Accident, N8826C

July 27, 2014, 2:45 pm, Caspersen Beach, Venice, FL

PIC: Karl W. Kokomoor Passenger: David Theen

Narrative History of Flight. Page 10

- Approximately 1:20 arrived at hangar
- Master on, checked gauges. Flaps extended. Wrote Hobbs time on white notepad.
- Walk around exterior
- David Theen joins in hangar
- Open fuel tanks to verify level with gauge. Right tank below tab. Left tank at tab.
- Checked oil. Low half quart. Added shell red 100 out of back of plane. 3/4 quart to bring level above 6 qts.
- Checked prop, stall warning tab. Checked left fuel tank level.
- Finished walk around and pulled plane to outside hangar.
- Internal cabin check per pink book checklist in plane.
- Start engine per checklist. Set for idle. Adjust instruments, compass, and altimeter to field 20MSL. Artificial horizon set.
- Turn on radios. Squawk to standby. Door ajar.
- Taxi to 12-30. Holding short of mid runway on X36.
- Check list review in cabin.
- Runup1, right mags ok left mags rough with 300 drop.
- Runup2 and 3 the same after set to idle and recheck instruments.
- Taxi back to ramp and position for hangar.
- Shut down and review. Discuss with David. David working on Baby Ace kept in same hangar.
- Restart engine. Rough start 3-4 tries to restart after mixture to rich.
- Taxi to face south to remove prop wash from hangar.
- Run-up 4. All mags check out after restart
- Reduce to idle and run-up 5. All mags check out. Decision to go for short local flight and to Venice for fuel.
- Ask David if he wants to fly. David says yes. Wants to get sunglasses and supplies.
- Plane at idle. Increase RPM to taxi. Taxi to place plane heading north, outside of hangar.
- Adjust intercom. Rig additional headset. Adjust squelch. Wait for David to return. 2-3 mins. Plane at idle.
- Taxi to 12-30 run-up area. Run-up 6, mags check, vacuum ok gauges check. Carb heat check. Completed checklist.
- Door set to close. Top latch issue resolved. Check equipment in cabin. Ten degrees flaps added
- Call to back taxi 30, X36. Back taxi to beyond threshold. Announce departure Venice corrected to X36
- Roll on 30. Pull off to small burst of warning buzzer, normal.
- Climb out was at best angle speed at steady rate to 500 feet. Slow turn to south along intercoastal.
- Climb to 1000 feet where we cruised. Reduced engine power to 2100 rpm for slow cruise. No issues.
- Route over ICW to Stump Pass. Right turn over Stump Pass, then over Rotonda Circle then over EWD wastewater plant.

- Direct course back over ICW to the north. Radios set for Venice UNICOM at 122.725. Reset RPM to 2300-2400 for cruise. Mixture remains rich.
- Decision to approach field at 45 degrees to downwind for runway 23.
- Course set to go over beach, altitude at 900-1000 feet MSL.
- First sign of engine trouble. Missing, knocking hitting sound. Rapid deterioration. David and I talk about issue.
- Work with mixture and throttle to remove knock. Engine cuts out. No power
- Fuel pump switch on to switch tanks. Tank switch quickly changed from left to right tank. Altitude dropping. speed being adjusted to glide
- Look to Venice for runway 31 access.
- Decision can't make runway 31 or airport.
- Call to Venice UNICOM, Declare emergency. Respond to questions about location and N number.
- Rotate mag switch through positions. Prop wind milling. Altitude moving to 500 feet. Decision to find landing spot. Attention to landing.
- Decision to target Caspersen beach shore. Only sparse population on sand. Group of people on high ground required staying over water.
- Decision to fly over water clear of grouping of people. Decision to be over water and pull to shore if able.
- Touchdown in water. Plane to quick stop. Direction of plane toward north angle slightly to shore. Plane rests nose down at water's edge. Check passenger. Open door
- Quick switches off, move fuel to off
- Lady runs by door off right wing, calling for help. First thought concern was for us
- Announces people hit. Lady asks for cell phone.
- Provided cell phone, lady has young girl with her says something about military. Call to 911 placed by lady.
- David checks outside of plane. Karl follows lady with phone. First site of two individuals on ground. Cover over man's head. Start of CPR. Girl receiving attention.
- Waited by plane for emergency help. Many people in assistance.
- END of Narrative.