

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: WILLOW PARK State: TX
 ZIP: _____ Country: PARKER
 Latitude: _____ (dd:mm:ss N/S) Longitude: _____ (ddd:mm:ss E/W)

Date/Time

Date: 12/26/2014 Local Time: 3:00 PM
 mm/dd/yyyy Time Zone: CENT.
12/26/2014

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

2,000 ft MSL

AIRCRAFT INFORMATION

Manufacturer: GRTUMMAN

Model: AA5B

Serial Number: AA5B-0693

Registration Number: N28578

Amateur-built: ☐ Yes ☒ No

Max Gross Weight: ~~2,400~~ lbs 2,400

Weight at Time of Accident/Incident: 1,652 lbs

Location of Center of Gravity at Time of Accident/Incident:

53.32" 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 ☐ Restricted
☐ Utility ☐ Limited
☐ Acrobatic ☐ Provisional
☐ Transport ☐ Experimental
☐ Special Flight
☐ Light Sport

Number of Seats: 04

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: 1/14/13

mm/dd/yyyy

Airframe Total Time: 32,055 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

ELT Manufacturer: NARCO

Model/Series: ELT10

ELT Aided in Locating Accident/Incident

☐ Yes ☐ No

Serial Number: 59049

Battery Type: ALKALINE PART NUMBER BP1010 Battery Exp. Date: 03/2015

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: McCAULY

Model: 1A170FFA756

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	LYCCOMING	O-360-AK4	L-24167-36A	UN		32,055	14	412
Eng. 2								
Eng. 3								
Eng. 4								

OWNER/OPERATOR INFORMATION			
Registered Aircraft Owner Name: TERRY L MELTON Fractional Ownership Aircraft: ☐ Yes ☒ No		Owner Address City: MELBRONE State: FL ZIP: 32940 Country: USA	
Operator of Aircraft ☐ Same As Registered Owner Name: JACK E BARNETT Doing Business As: Air Carrier/Operator Designator (4 Character Code):		Operator Address ☐ Same As Registered Owner City: BENBROOK State: TX ZIP: 76126 Country: USA	
Regulation Flight Conducted Under ☐ FAR 91 ☐ FAR 129 ☐ FAR 91 Special Flight ☐ FAR 103 ☐ FAR 133 ☐ Non-US, Commercial ☐ FAR 121 ☐ FAR 135 ☐ Non-US, Non-commercial ☐ FAR 125 ☐ FAR 137 ☐ Armed Forces ☒ Public Use (select type) ☐ Federal ☐ State ☒ Local ☐ Unknown		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 _____ 1 How many? ☐ Cargo _____ lbs ☐ Mail	
Type of Commercial Operating Certificate Held (Check 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 <i>(If yes, list the name of the part, manufacturer, part no., serial no., and describe the failure.)</i> LOSS OF PROP, MAY HAVE BRID STRIKE TIME SINCE DYE CK.341.2 HOURS REQUIRD EVERY 500 HOURS			Total Time/Cycles On Part 32,055 Hours ____ Cycles Time Since This Part Inspected/Overhauled 14 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)

DAMAGE TO NOISE GEAR AND RT. MAIN GEAR.DAMAGE TO NOSE PANEL,LOSS NOSE CONE AND BACK UP PLATE AND PROP.

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

Airport Identifier: _____

Distance From Airport Center: _____ SM

Airport Name: _____

Direction From Airport: _____ degrees MAG

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

Airport Elevation: _____ 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☐ Sidesstep☐ LDA☐ GPS☐ SDF☐ ILS☐ ASR☐ Loran☐ VOR/TVOR☐ 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**

Runway ID: _____ (L/R/C) Length: _____ ft Width: _____ 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: F50

City: CRESSEN

State: TEXAS

Country: USA

Time of Departure

Time: 2:45 PM

Time Zone: CENT.

Destination

Airport ID: LOCAL

City: _____

State: _____

Country: _____

Type Flight Plan Filed☒ None☐ VFR/IFR☐ Company VFR☐ IFR☐ Military VFR☐ Unknown☐ VFRActivated? ☐ 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)

7

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

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☒ Day☐ Dusk☐ Night☐ Dark Night☐ Bright Night☐ Not Reported**Visibility**

_____ 20 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:
_____ 340 degrees MAG☐ Variable**Wind Speed**

Velocity: _____ 8 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☐ Severe☐ Moderate☐ Moderate Chop☐ Light**NOTAMs (D, L and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident**

NOTAM

Temperature: _____ (C)
or _____ 60 (F)Altimeter Setting: _____ in. HG
or _____ MB

Density Altitude: _____ ft

Dew Point: _____ (C)
or _____ (F)**Icing Forecast**

Amount

☒ None ☐ Moderate
☐ Trace ☐ Severe
☐ Light

Type

☐ Rime
☐ Clear
☐ Mixed**Icing Actual**

Amount

☒ None ☐ Moderate
☐ Trace ☐ Severe
☐ Light

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																																																																																																				
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Pilot "A" Identification First Name: <u>JACK</u> City: <u>BENBROOK</u> Middle Initial: <u>E</u> State: <u>TX</u> ZIP: <u>76126</u> Last Name: <u>BARNETT</u> Country: <u>USA</u> Age at time of Accident/Incident: <u>79</u> Date of Birth: <u>mm/dd/yyyy</u> Certificate Number: <u>mm/dd/yyyy</u>																																																																																																				
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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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																																																																																														
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ADDITIONAL FLIGHT CREW MEMBERS (Exclusive of cabin attendants, complete the following information)**Pilot Name and Address**

First Name: _____ City: _____
Middle Initial: _____ State: _____ ZIP: _____
Last Name: _____ Country: _____

Degree of Injury

☐ None ☐ Fatal
☐ Minor ☐ Unknown
☐ Serious

Pilot Certificate(s) (Check all that apply)

☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign
☐ Private ☐ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military

Seat Occupied

☐ Left ☐ Front
☐ Right ☐ Rear
☐ Center ☐ Single
☐ Unknown

Type Rating/Endorsement for Accident/Incident Aircraft?

☐ Yes ☐ No

Total Flight Time at the Time of this Accident/Incident:

_____ hrs

Pilot Name and Address

First Name: _____ City: _____
Middle Initial: _____ State: _____ ZIP: _____
Last Name: _____ Country: _____

Degree of Injury

☐ None ☐ Fatal
☐ Minor ☐ Unknown
☐ Serious

Pilot Certificate(s) (Check all that apply)

☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign
☐ Private ☐ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military

Seat Occupied

☐ Left ☐ Front
☐ Right ☐ Rear
☐ Center ☐ Single
☐ Unknown

Type Rating/Endorsement for Accident/Incident Aircraft?

☐ Yes ☐ No

Total Flight Time at the Time of this Accident/Incident:

_____ hrs

Pilot Name and Address

First Name: _____ City: _____
Middle Initial: _____ State: _____ ZIP: _____
Last Name: _____ Country: _____

Degree of Injury

☐ None ☐ Fatal
☐ Minor ☐ Unknown
☐ Serious

Pilot Certificate(s) (Check all that apply)

☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign
☐ Private ☐ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military

Seat Occupied

☐ Left ☐ Front
☐ Right ☐ Rear
☐ Center ☐ Single
☐ Unknown

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: _____ 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: _____	_____	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
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: _____	_____	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

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.

IN FLIGHT HEARD LOUD BANG AND SAW ALTERNATOR BELT LEAVE AIRCRAFT DID NOT KNOW I LOST THE PROP. ALSO. STARTING LOOSING ALTITUDE LOOK FOR PLACE TO PUT AIRCRAFT DOWN. LANDED IN OLD HORSE RACING TRACK. AND HIT DITCH. NO INJURY TO ME BUT DAMAGE TO AIRCRAFT.

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

Operator/Owner Safety Recommendation

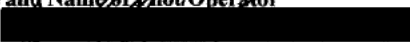
IF I HAD NOT LOST PROP.

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** **Signature and Name of Pilot/Operator**

01/22/2014

Signature: 

mm/dd/yyyy

Type or Print Name: JACK E BARNETT

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.**

CSN14LA118

Reviewed by NTSB Regional Office

CENTRAL REGION

Name of Investigator

T. SORENSON

Date Report Received

2/7/2014