

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: GLENDALE (KGEU) State: AZ
 ZIP: 85307 Country: USA
 Latitude: _____ (dd:mm:ss N/S) Longitude: _____ (ddd:mm:ss E/W)

Date/Time

Date: 3-17-2014 Local Time: ~10 AM
 mm/dd/yyyy Time Zone: MST

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

_____ ft MSL

AIRCRAFT INFORMATION

Manufacturer: GRUMMAN

Model: TBM3E

Serial Number: 53503

Registration Number: N53503 Amateur-built: ☐ Yes ☐ No

Max Gross Weight: 17,900 lbs

Weight at Time of Accident/Incident: 13450 lbs

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

152 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

If Large Aircraft, how many seats for:

Flight Crew: 1

Cabin Crew: 0

Passengers: 3

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: 3-8-2014
 mm/dd/yyyy

Airframe Total Time: 4792 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 HALON PORTABLE (UNUSED)

ELT Installed

☒ Yes ☐ No

ELT Activated

☐ Yes ☒ No

ELT Manufacturer: ACK TECHNOLOGIES

Model/Series: E-01

Serial Number: 021952

Battery Type: MN1300

Battery Exp. Date: 12/2023

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: _____

Model: _____

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>WRIGHT</u>	<u>R2600-20</u>	<u>M-447148</u>		<u>1900</u>		<u>3.5</u>	<u>625.6</u>
Eng. 2								
Eng. 3								
Eng. 4								

OWNER/OPERATOR INFORMATION

Registered Aircraft Owner

Name: AMERICAN AIRPOWER HERITAGE FLYING MUSEUM

Fractional Ownership Aircraft: ☐ Yes ☒ No

Owner Address

City: MIDLAND
State: TX ZIP: 79701
Country: US

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

(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

N/A

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 (use additional sheet if necessary)

PROPELLOR HUB + BLADE, ENGINE WILL REQUIRE TEAR-DOWN, LEFT WING SPAR
DAMAGED STATIONS 217-275, BOMB BAY DOORS AND LOWER REAR ENGINE
AND ACCESSORY COWLING DAMAGED

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

Airport Identifier: GEL Distance From Airport Center: _____ SM
Airport Name: GLENDAL MUNICIPAL Direction From Airport: _____ degrees MAG
Proximity to Airport ☐ Off Airport/Airstrip ☒ On Airport ☐ On Airstrip Airport Elevation: 1071 ft. MSL

Approach Segment (Select one)

☐ On Instrument Approach ☐ Landing TAXI ☐ 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/TOR ☐ 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: 1 (L/R/C) Length: 7150 ft Width: 100 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: KLUF
City: GLENDAL
State: AZ
Country: US

Time of Departure

Time: 9:45
Time Zone: MST

Destination

Airport ID: KGEW
City: GLENDAL
State: AZ
Country: US

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)

345 Gallons

Fuel Type

☐ 80/87 ☐ J15/J45 ☐ JP3 ☐ Other, specify _____
☒ 100 Low Lead ☐ Jet A ☐ JP4
☐ 100/130 ☐ Automotive ☐ JP5

Other Services, if Any, Prior to Departure

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

PILOT - VIA NORMAL CANOPY EXIT
 PAX 1 - "
 PAX 2 - VIA NORMAL CABIN DOOR
 PAX 3 - "

WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE

Weather Observation Facility

Facility ID: KLUF

Observation Time: _____

Time Zone: _____

Distance from Accident Site: 3 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

76 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
☐ Severe
☐ Moderate
☐ Moderate Chop
☐ Light

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

Temperature: _____ (C)
 or 66 (F)

Altimeter Setting: 29.95 in. HG
 or _____ MB

Density Altitude: _____ ft

Dew Point: _____ (C)
 or 26 (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: ROBERT

City: CRAWFORD

Middle Initial: W

State: CO

ZIP: 81415

Last Name: DUNCAN

Country: US

Age at time of Accident/Incident: 64

Date of Birth: mm/dd/yyyy

Certificate Number: 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

6-7-2013
 mm/dd/yyyy

Medical Certificate Limitations

NONE

Medical Certificate Waivers

NONE

Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:

1-17-2014
 mm/dd/yyyy

Flight Review Aircraft

Make: CESSNA

Model: A185E

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

C-TBM

Student Endorsements (Include dates)

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	4377	248	4313	65		71	178			
Pilot in Command (PIC)	4377	248	4313	65						
Time as Instructor										
This Make/Model										
Last 90 Days	28.5	4.8	28.5			0	0			
Last 30 Days	17.3	4.8	17.3			0	0			
Last 24 Hours (Accident)	.5	.5	.5			0	0			

PILOT "B" INFORMATION

Pilot "B" Responsibilities at the Time of Accident/Incident

☐ Pilot ☐ Co-Pilot ☐ Student Pilot ☐ Flight Instructor ☐ Check Pilot ☐ Flight Engineer ☐ Other Flight Crew

Pilot "B" Identification

First Name: _____ City: _____
 Middle Initial: _____ State: _____ ZIP: _____
 Last Name: _____ Country: _____
 Age at time of Accident/Incident: _____ Date of Birth: _____ Certificate Number: _____
 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

mm/dd/yyyy

Medical Certificate Limitations

Medical Certificate Waivers

Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:

mm/dd/yyyy

Flight Review Aircraft

Make: _____
 Model: _____

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 ☐ Instrument Airplane
☐ Airplane Single-Engine ☐ Instrument Helicopter
☐ Airplane Multi-Engine ☐ Helicopter
☐ Gyroplane ☐ Glider
☐ Powered Lift ☐ Sport

Type Ratings

Student Endorsements (include dates)

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										
Pilot in Command (PIC)										
Time as Instructor										
This Make/Model										
Last 90 Days										
Last 30 Days										
Last 24 Hours										

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: <u>SCOTT</u> City: <u>GLENDALE</u> Middle Initial: _____ State: <u>AZ</u> ZIP: _____ Last Name: <u>BATSON</u> Country: _____	<u>1</u>	☐	☒	☐	☐	☐	☐	☐	☐	☒	☐
First Name: <u>DOMENICK</u> City: <u>GLENDALE</u> Middle Initial: _____ State: <u>AZ</u> ZIP: _____ Last Name: <u>PASSIO</u> Country: _____	<u>2</u>	☐	☒	☐	☐	☐	☐	☐	☐	☒	☐
First Name: <u>KRISTOPHER</u> City: <u>GLENDALE</u> Middle Initial: _____ State: <u>AZ</u> ZIP: _____ Last Name: <u>STEELE</u> Country: _____	<u>3</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: _____	_____	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
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.

On March 17, 2014, at approximately 10 a.m. I was flying a TBM Avenger N53503 relocating it from Luke Air Force Base (KLUF) to Glendale Municipal Airport (KGEU) which is about 4 nm away. Visual meteorological conditions with light and variable winds prevailed per oral briefing by LUF weather personnel. This aircraft is owned by the American Heritage Airpower Museum located in Midland TX and is operated on behalf of the Commemorative Air Force, also located there. Full fuel and oil were taken on at LUF.

My three passengers were USAF airmen who helped us significantly during our weekend static display at the LUF AFB airshow. Their names are MSgt Scott Batson, TSgt Domenick Passio, and SSgt Kristopher Steele. My first landing attempt on Runway 1 was aborted as the preceding Piper traffic took an unusually long time on runway to execute a touch and go. I left the TBM landing gear down for my go-around, and noted all gear safe lights lit and full 1500 lb hydraulic pressure on downwind, and noted again while on short final. The next approach landed softly at on the 1000 foot runway marker and I rolled out without applying any brake pressure.

As I began the left-hand turn-off at the A6 intersection, I inadvertently raised the landing gear lever by mistake, rather than the adjacent flap lever, causing the landing gear to begin retraction. The left gear collapsed causing the left wing tip to strike the ground. Sudden engine stoppage occurred with the ensuing propeller strike. There were no injuries, and all exited the aircraft quickly and safely.

The airport called a local aircraft recovery business who raised the aircraft and the gear was manually extended and locked normally via the emergency hydraulic hand pump. The aircraft was then normally towed off the runway and into their municipal tie down area. Craig Roberts of the Scottsdale FSDO was notified and conducted a visual inspection of the aircraft and interviewed me.

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

Operator/Owner Safety Recommendation

1. WAIT UNTIL CLEAR OF RUNWAY, STOP, IDENTIFY FLAP SWITCH.

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

4-7-2014

mm/dd/yyyy

Signature and Name of Pilot/Operator

Signature

Type or Print Name: ROBERT W. DUNNAN

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.

WPR14CA143

Reviewed by NTSB Regional Office

WPR-Federal Wav. WA

Name of Investigator

Thomas M Little

Date Report Received

4/7/2014