NATIONAL TRANSPORTATION SAFETY BOARD
PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT
This form to be used for reporting civil and public aircraft accidents and incidents

BASIC INFORMATION

Accident/Incident Location

Nearest City/Place: McCall State: ID
ZIP: 83638 Country: USA
Latitude: 45* 08' 58.95" Longitude: 115* 04' 37.42"
(Enter in decimal degrees or degrees:minutes:seconds)

Accident/Incident Date/Time

Date: 10/08/2014 *mm/dd/yyyy* Local Time: 12:30 pm
Time Zone: Mountain

Collision with Other Aircraft: ○ Midair ○ On-ground ◉ None

AIRCRAFT INFORMATION

Registration Number: N11ZA
Manufacturer: Maule
Model: MX-7-235
Serial Number: 10005C
Year of Manufacture: 1985
Amateur-Built: ○ Yes ◉ No *If Yes:* ○ Kit/Plans ○ Original Design Make:

☐ **IFR-Equipped and Certified**
☐ **Commercial Space Flight**
☐ **Unmanned Aircraft**

Maximum Gross Weight: 2500 lbs
Weight at Time of Accident/Incident: 2181 lbs
Number of Seats: 4 Flight Crew Seats: 2
Cabin Crew Seats: 0 Passenger Seats: 2
Number of Engines: 1

Category of Aircraft
◉ Airplane
○ Balloon
○ Blimp/Dirigible
○ Glider
○ Gyroplane
○ Helicopter
○ Powered Lift
○ Rocket
○ Ultralight
○ Unknown

Type of Airworthiness Certificate *(Check all that apply)*

Standard	Special
☑ Normal	☐ Restricted
☐ Aerobatic	☐ Limited
☐ Balloon	☐ Provisional
☐ Commuter	☐ Special Flight
☐ Transport	☐ Experimental
☐ Utility	☐ Special Light-Sport
	☐ Experimental Light-Sport

☐ Certificate of Authorization or Waiver (COA)
☐ None ☐ Unknown

Landing Gear *(Check all that apply)*
☐ Retractable
☐ Tricycle ☑ Tailwheel
☐ Amphibian ☐ High Skid
☐ Emergency Float ☐ Skid
☐ Float ☐ Ski
☐ Hull ☐ Ski/Wheel
☐ Other Launch/Recovery System
☐ None ☐ Unknown

Engine Type *(Select one)*
◉ Reciprocating ○ Turbo Shaft ○ Turbo Prop ○ Turbo Jet ○ Turbo Fan ○ Electric
○ Liquid Rocket ○ Solid Rocket ○ Hybrid Rocket ○ None ○ Unknown

Fuel System Type *(Reciprocating)*
○ Carburetor ◉ Fuel-Injected

Engine	Engine Manufacturer	Engine Model/Series	Manufacturer's Serial Number	Date of Mfg. *mm/dd/yyyy*	Rated Power ◉ Horsepower or ○ lbs of Thrust	Total Time (hours)	Time Since: Inspection (hours)	Time Since: Overhaul (hours)
Eng. 1	Lycoming	IO-540-W1A5D	L-22650-48A	08/02/1985	235	2520.0		495.6
Eng. 2								
Eng. 3								
Eng. 4								

Last Inspection Type
○ 100-Hour ○ Continuous Airworthiness
○ AAIP ○ Conditional Inspection
◉ Annual ○ Unknown

Date Last Inspection: 04/11/2014 *mm/dd/yyyy*
Airframe Total Time: 2520.0 hrs
hours measured at *(Select one)*
○ Last Inspection ◉ Time of Accident/Incident

Type of Maintenance Program *(Select one)*
◉ Annual
○ Conditional (Amateur-built only)
○ Manufacturer's Inspection Program
○ Other Approved Inspection Program (AAIP)
○ Continuous Airworthiness
○ Other, specify:

Description of Fire Extinguishing System
○ None
◉ Specify: Handheld fire extinguisher onboard - not used

Propeller 1
○ Fixed Pitch ◉ Controllable Pitch ○ Ground Adjustable
Manufacturer: McCauley
Model: B2D237C224-B 90RA-4

Propeller 2
○ Fixed Pitch ○ Controllable Pitch ○ Ground Adjustable
Manufacturer:
Model:

ELT Installed: ◉ Yes ○ No
If Yes:
ELT Manufacturer: ACK Technologies
Model or Part No.: E-01
TSO No.: ○ C91 (121.5 MHz) ◉ C91a (121.5 MHz) ○ C126 (406 MHz)
Was ELT still mounted in aircraft? ◉ Yes ○ No
Was ELT still connected to antenna? ◉ Yes ○ No
Did ELT Activate? ○ Yes ◉ No
If activated:
Did ELT Aid in Locating Aircraft: ○ Yes ○ No
If not activated:
Indicate Reason: ☐ Impact Damage ☐ Fire Damage ☐ Battery Expired/Damaged ☑ Unknown

Additional Equipment *(Check all that apply)*
☐ ADS-B
☐ Airframe Parachute
☐ Angle of Attack Indicator
☐ Autopilot
☐ Data Recorder
☑ Electronic Flight Bag or Handheld Device
☐ Electronic Multifunction Display
☐ Electronic Primary Flight Display
☑ Handheld GPS
☐ Heads Up Display
☑ Onboard Weather
☑ Satellite Tracking Device
☑ Stall Warning System
☐ Video Recording Device
☐ Other, Specify:

OWNER/OPERATOR INFORMATION

Registered Aircraft Owner

Name: Ross McCrea

Fractional Ownership Aircraft: ○ Yes ◉ No

City: Sterling City

State: Texas ZIP: 76951

Country: USA

Operator of Aircraft ☑ *Same As Registered Owner* ☑ *Same Address as Registered Owner*

Name:

Doing Business As:

Air Carrier/Operator Designator (4 Character Code):

City:

State: ZIP:

Country:

Operating Certificates Held *(Check all that apply)*

- ☑ None
- ☐ Flag Carrier Operating Certificate (FAR 121)
- ☐ Supplemental
- ☐ Air Cargo
- ☐ Foreign Air Carriers (FAR 129)
- ☐ Rotorcraft External Load (FAR 133)
- ☐ Commuter Air Carrier (FAR 135)
- ☐ On-Demand Air Taxi (FAR 135)
- ☐ Commercial Air Tour (FAR 136)
- ☐ Agricultural Aircraft (FAR 137)
- ☐ Pilot School (FAR 141)
- ☐ Certificate of Authorization or Waiver (COA)
- ☐ Commercial Space Transportation Experimental Permit
- ☐ Commercial Space Transportation License
- ☐ Other Operator of Large Aircraft

Regulation Flight Conducted Under

- ◉ FAR 91 ○ FAR 129 ○ FAR 415
- ○ FAR 103 ○ FAR 133 ○ FAR 431
- ○ FAR 121 ○ FAR 135 ○ FAR 435
- ○ FAR 125 ○ FAR 137 ○ FAR 437

- ○ FAR 91 Special Flight
- ○ Non-US, Commercial
- ○ Non-US, Non-commercial

- ○ Public Aircraft *(Select one)*
  - ○ Armed Forces
  - ○ Federal
  - ○ State
  - ○ Local
- ○ Unknown

Revenue Operation for FAR 121, 125, 129, 135
(Select one for each group)

- ○ Scheduled or Commuter ○ Domestic
- ○ Non-Scheduled or Air Taxi ○ International

- ○ Passenger
- ○ Cargo
- ○ Mail Contract Only

Purpose of Flight for FAR 91, 103, 133, 137
(Select one)

- ○ Aerial Application
- ○ Aerial Observation
- ○ Air Drop
- ○ Air Race/Show
- ○ Banner Tow
- ○ Business
- ○ Executive/Corporate
- ○ External Load
- ○ Ferry
- ○ Firefighting
- ○ Flight Test
- ○ Glider Tow
- ○ Instructional
- ○ Other Work Use
- ◉ Personal
- ○ Positioning
- ○ Skydiving
- ○ Unknown

Revenue Sightseeing Flight

○ Yes ◉ No

Air Medical Flight

○ Yes ◉ No

AIRPORT INFORMATION (Fill in if accident/incident occurred on approach, landing, takeoff, departure, or within 3 miles of an airport)

Airport Name: Dewey Moore Airstrip

Airport Identifier: USFS Dewey Moore

Proximity to Airport: ○ Off Airport/Airstrip ◉ On Airport/Airstrip ○ N/A

Distance From Airport Center: 0 sm

Direction From Airport: degrees true

Airport Elevation: 4450 ft. msl

Runway Information

Runway ID: 28 (L/R/C) Length: 800 ft Width: 35 ft

Runway/Landing Surface *(Check all that apply)*

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

Condition of Runway/Landing Surface *(Check all that apply)*

- ☑ Dry
- ☐ Holes
- ☐ Ice Covered
- ☐ Rough
- ☐ Rubber Deposits
- ☐ Slush-Covered
- ☐ Snow-Compacted
- ☐ Snow-Crusted
- ☐ Snow-Dry
- ☐ Snow-Wet
- ☐ Soft
- ☑ Vegetation
- ☐ Water-Calm
- ☐ Water-Choppy
- ☐ Water-Glassy
- ☐ Wet
- ☐ Unknown

Approach/Departure Segment *(Select one)*

- ○ Taxi
- ○ Takeoff
- ○ Initial Climb
- ○ VFR Departure
- ○ IFR Departure Procedure/Clearance
- ○ On Instrument Approach
- ◉ Landing
- ○ Downwind
- ○ Base
- ○ Final
- ○ Crosswind
- ○ Low Approach
- ○ Go Around
- ○ Aborted Landing (after touchdown)
- ○ Unknown

IFR Approach *(Check all that apply)*

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

VFR Approach *(Check all that apply)*

- ☐ None
- ☐ Traffic Pattern
- ☐ Straight-In
- ☑ Valley/Terrain Following
- ☐ Go Around
- ☐ Full Stop
- ☐ Stop and Go
- ☐ Touch and Go
- ☐ Simulated Forced Landing
- ☐ Forced Landing
- ☐ Precautionary Landing
- ☐ Unknown

"FLIGHT CREWMEMBER 1" INFORMATION

"Flight Crewmember 1" Responsibilities at the Time of Accident/Incident

(●) Pilot ( ) Co-Pilot ( ) Student Pilot ( ) Flight Instructor ( ) Check Pilot ( ) Flight Engineer ( ) Other Flight Crew

"Flight Crewmember 1" was pilot flying [☑] Yes [ ] No

"Flight Crewmember 1" Identification

First Name: Ross
Middle Initial: W
Last Name: McCrea
Age at time of Accident/Incident: 36
Date of Birth: [redacted] *mm/dd/yyyy*
Certificate Number: [redacted]
City of Residence: Sterling City
State: Texas ZIP: 76951
Country: USA

Degree of Injury
(●) None ( ) Fatal ( ) Minor ( ) Unknown ( ) Serious

Seat Occupied
(●) Left ( ) Front ( ) Unknown ( ) Right ( ) Rear ( ) Center ( ) Single

Restraint Type

Available	Used
( ) None	( ) None
( ) Lap only	( ) Lap only
(●) 3-point	(●) 3-point
( ) 4-point	( ) 4-point
( ) 5-point	( ) 5-point
( ) Unknown	( ) Unknown

Inflatable Restraints
[☑] Not Installed [ ] Installed [ ] Not Deployed [ ] Deployed [ ] Unknown

Pilot Certificate(s) *(Check all that apply)*
[ ] None [☑] Private [ ] Student [ ] Flight Instructor [ ] Recreational [ ] Sport [ ] Commercial [ ] Airline Transport [ ] Flight Engineer [ ] US Military [ ] Foreign

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 ( ) Unknown ( ) With limitations/waivers ( ) N/A ( ) Special Issuance

Date of Last Medical
10/07/2013 *mm/dd/yyyy*

Medical Certificate Limitations

Medical Certificate Special Issuance

Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: 08/08/2013 *mm/dd/yyyy*

Flight Review Aircraft
Make: Maule
Model: MX-7-235 (BFR was conducted in the accident aircraft)

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 [ ] 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

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	1,066	283	1,066	0	10	1	5	0	0	0
Pilot in Command (PIC)	1,024	282	1,024	0	7	0	0	0	0	0
Time as Instructor	0	0	0	0	0	0	0	0	0	0
This Make/Model					1	0	0			
Last 90 Days	56	47	56	0	1	0	0	0	0	0
Last 30 Days	32	29	32	0	0	0	0	0	0	0
Last 24 Hours	5	5	5	0	0	0	0	0	0	0

"FLIGHT CREWMEMBER 2" INFORMATION

"Flight Crewmember 2" Responsibilities at the Time of Accident/Incident

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

"Flight Crewmember 2" was pilot flying ☐ Yes ☐ No

"Flight Crewmember 2" Identification

First Name: _____ City of Residence: _____

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

Restraint Type

Available	Used
○ None	○ None
○ Lap only	○ Lap only
○ 3-point	○ 3-point
○ 4-point	○ 4-point
○ 5-point	○ 5-point
○ Unknown	○ Unknown

Inflatable Restraints

☐ Not Installed
☐ Installed
☐ Not Deployed
☐ Deployed
☐ Unknown

Pilot Certificate(s) *(Check all that apply)*

☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military
☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign
☐ Student ☐ Sport ☐ Flight Engineer

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 ○ Unknown
○ With limitations/waivers ○ N/A
○ Special Issuance

Date of Last Medical

_____
mm/dd/yyyy

Medical Certificate Limitations

Medical Certificate Special Issuance

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
☐ 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 CREWMEMBERS (Exclusive of cabin crew, complete the following information)

Crew Name and Address

First Name: _____ City of Residence: _____

Middle Initial: _____ State: _____ ZIP: _____

Last Name: _____ Country: _____

Seat Occupied

○ Left ○ Front
○ Center ○ Rear
○ Right ○ Single
○ Unknown

Injury

○ None
○ Minor
○ Serious
○ Fatal
○ Unknown

Pilot Certificate(s) *(Check all that apply)*

☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military
☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign
☐ Student ☐ Sport ☐ Flight Engineer

Restraint Type:

Available	Used
○ None	○ None
○ Lap Only	○ Lap Only
○ 3-point	○ 3-point
○ 4-point	○ 4-point
○ 5-point	○ 5-point
○ Unknown	○ Unknown

Inflatable Restraints

☐ Not Installed
☐ Installed
☐ Not Deployed
☐ Deployed
☐ Unknown

Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No

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

Crew Name and Address

First Name: _____ City of Residence: _____

Middle Initial: _____ State: _____ ZIP: _____

Last Name: _____ Country: _____

Seat Occupied

○ Left ○ Front
○ Center ○ Rear
○ Right ○ Single
○ Unknown

Injury

○ None
○ Minor
○ Serious
○ Fatal
○ Unknown

Pilot Certificate(s) *(Check all that apply)*

☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military
☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign
☐ Student ☐ Sport ☐ Flight Engineer

Restraint Type:

Available	Used
○ None	○ None
○ Lap Only	○ Lap Only
○ 3-point	○ 3-point
○ 4-point	○ 4-point
○ 5-point	○ 5-point
○ Unknown	○ Unknown

Inflatable Restraints

☐ Not Installed
☐ Installed
☐ Not Deployed
☐ Deployed
☐ 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 cabin crew; continue on separate sheet if necessary)

Name and Address	Seat	Injury	Restraint Type	Inflatable Restraints	Age
First Name: _____ City : _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ ○ Crew ○ Passenger ○ Other	○ Left ○ Center ○ Right ○ Unknown Row: ____	○ None ○ Minor ○ Serious ○ Fatal ○ Unknown	Available: ○ None ○ Lap Only ○ 3-point ○ 4-point ○ 5-point ○ Unknown Used: ○ None ○ Lap Only ○ 3-point ○ 4-point ○ 5-point ○ Unknown	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years *If Under 5,* ○ Child Restraint ○ Lap-Held ○ Unknown
First Name: _____ City : _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ ○ Crew ○ Passenger ○ Other	○ Left ○ Center ○ Right ○ Unknown Row: ____	○ None ○ Minor ○ Serious ○ Fatal ○ Unknown	Available: ○ None ○ Lap Only ○ 3-point ○ 4-point ○ 5-point ○ Unknown Used: ○ None ○ Lap Only ○ 3-point ○ 4-point ○ 5-point ○ Unknown	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years *If Under 5,* ○ Child Restraint ○ Lap-Held ○ Unknown
First Name: _____ City : _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ ○ Crew ○ Passenger ○ Other	○ Left ○ Center ○ Right ○ Unknown Row: ____	○ None ○ Minor ○ Serious ○ Fatal ○ Unknown	Available: ○ None ○ Lap Only ○ 3-point ○ 4-point ○ 5-point ○ Unknown Used: ○ None ○ Lap Only ○ 3-point ○ 4-point ○ 5-point ○ Unknown	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years *If Under 5,* ○ Child Restraint ○ Lap-Held ○ Unknown
First Name: _____ City : _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ ○ Crew ○ Passenger ○ Other	○ Left ○ Center ○ Right ○ Unknown Row: ____	○ None ○ Minor ○ Serious ○ Fatal ○ Unknown	Available: ○ None ○ Lap Only ○ 3-point ○ 4-point ○ 5-point ○ Unknown Used: ○ None ○ Lap Only ○ 3-point ○ 4-point ○ 5-point ○ Unknown	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years *If Under 5,* ○ Child Restraint ○ Lap-Held ○ Unknown

FLIGHT ITINERARY INFORMATION

Last Departure Point
Airport ID: 85U
City: Frank Church Wilderness
State: Idaho
Country: USA

Time of Departure
Time: 12:00 pm
Time Zone: MDT

Destination
Airport ID: Dewey Moore
City: Frank Church Wilderness
State: Idaho
Country: USA

Type Flight Plan Filed
(•) None ( ) VFR/IFR
( ) Company VFR ( ) IFR
( ) Military VFR ( ) Unknown
( ) VFR
Activated? ( ) Yes ( ) No ( ) Unknown

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 G ☐ Military Operations Area (MOA) ☐ Special
☐ Class B ☐ Demo Area ☐ Airport Advisory Area ☐ Air Traffic Control Area
☐ Class C ☐ Warning Area ☐ Jet Training Area ☐ Unknown
☐ Class D ☐ Prohibited Area ☐ TRSA
☐ Class E ☐ Restricted Area ☐ FAR 93

Altitude of In-Flight Occurrence: _____ ft msl

WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE

Source of Pilot Weather Information *(Check all that apply)*
☑ National Weather Service ☐ Company
☐ Flight Service Station ☐ Military
☐ TV/Radio ☑ Internet
☐ Automated Report ☐ None
☐ Commercial Weather Service (DUATS) ☐ Unknown
☑ On-Board Weather

Weather Observation Facility
Facility ID: KMYL
Observation Time: 11:51
Time Zone: MDT
Distance from Accident Site: 46 nm
Direction from Accident Site: 250 degrees true

Basic Conditions
(•) VMC
( ) IMC
( ) Unknown

Light Condition
( ) Dawn ( ) Dusk ( ) Dark Night ( ) Unknown
(•) Day ( ) Night ( ) Bright Night

Sky/Lowest Cloud Condition
(•) Clear ( ) Thin Broken
( ) Few ( ) Thin Overcast
( ) Partial Obscuration ( ) Unknown
( ) Scattered

Lowest Cloud Condition Height
_____ ft agl

Ceiling
(•) None (Clear) ( ) Obscured
( ) Broken ( ) Indefinite
( ) Overcast ( ) Unknown

Ceiling Height
_____ ft agl

Temperature: _____ (C) or 60 (F)
Dew Point: _____ (C) or 38 (F)
Altimeter Setting: 29.99 in. Hg
or _____ MB

Wind Direction
☐ Variable
-or-
Direction: _____ degrees true

Wind Speed
☑ Calm
☐ Light and Variable
-or-
Speed: _____ kts

Wind Gusts
☑ Not Gusting
-or-
Speed: _____ kts

Visibility 10 miles
RVR: _____ feet
RVV: _____ miles
Density Altitude: 6200 ft

Intensity of Precipitation
( ) Light
( ) Moderate
( ) Heavy
(•) N/A
( ) Unknown

Type of Precipitation *(Check all that apply)*
☑ None ☐ Drizzle ☐ Freezing Rain
☐ Rain ☐ Ice Pellets ☐ Snow Shower
☐ Snow ☐ Snow Pellets ☐ Ice Pellets Shower
☐ Hail ☐ Snow Grains ☐ Freezing Drizzle
☐ Rain Showers ☐ Ice Crystals

Restriction to Visibility *(Check all that apply)*
☑ None ☐ Fog
☐ Blowing Dust ☐ Ground Fog
☐ Blowing Sand ☐ Haze
☐ Blowing Snow ☐ Ice Fog
☐ Blowing Spray ☐ Smoke
☐ Dust ☐ Unknown

Icing Forecast

Amount	Type
(•) None	(•) N/A
( ) Trace	( ) Rime
( ) Light	( ) Clear
( ) Moderate	( ) Mixed
( ) Severe	( ) Unknown
( ) Unknown	

Icing Actual

Amount	Type
(•) None	(•) N/A
( ) Trace	( ) Rime
( ) Light	( ) Clear
( ) Moderate	( ) Mixed
( ) Severe	( ) Unknown
( ) Unknown	

Turbulence
Type *(Check all that apply)*
☑ None
☐ Clear Air
☐ Terrain-Induced
☐ Convective Turbulence

Severity
☐ Light
☐ Moderate
☐ Severe
☐ Extreme

NOTAMs (D and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident:
None

DAMAGE TO AIRCRAFT AND OTHER PROPERTY

Aircraft Damage		Aircraft Fire		Aircraft Explosion	
○ None	◉ Substantial	◉ None	○ Both Ground and In-Flight	◉ None	○ Both Ground and In-Flight
○ Minor	○ Destroyed	○ In-Flight	○ Fire at Unknown Time	○ In-Flight	○ Explosion at Unknown Time
	○ Unknown	○ On-Ground	○ Unknown	○ On-Ground	○ Unknown

Description of Damage to Aircraft and Other Property *(Use additional sheet if necessary)*

Each wingtip damaged from contacting the ground; right main landing gear collapsed from right to left and folded under the fuselage; left main axle broke off and the tire pushed up into the left wing struts causing them to buckle; propeller impacted the ground under power.

Spinner, engine cowling, boot cowl, fuselage, and empennage appear to be undamaged.

No other property was damaged.

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 departure time and and location, services obtained, and intended destination. Provide as much detail as possible.

Upon very short final approach to landing at the Dewey Moore Airstrip, a suspected sinker or slight tailwind gust caused the left wing of the aircraft to suddenly drop a few feet resulting in the trailing edge of the wingtip contacting the ground. The airplane was only a few inches from touching down, therefore I was unable to make corrective control inputs before the wingtip touched.

Immediately following the wingtip contacting the ground, the aircraft quartered to the left and the main gear touched down. As a result of the right-to-left side load on the main gear, the left axle broke off and the right gear leg folded under the aircraft. The propeller immediately contacted the ground and then as the aircraft moved across the ground at an angle, the right wingtip was forced into the ground before coming to a rest.

The aircraft came to rest on the airstrip sitting upright on the right main gear underneath it and on the tailwheel. When the left main tire/wheel departed the left gear leg, it was forced upwards into the left wing struts, causing them to buckle, so the left wingtip also rested on the ground.

I was the sole occupant and I was completely uninjured and exited the aircraft through the pilot door.

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

Operator/Owner Safety Recommendation

Flying a slightly faster final approach speed could have possibly alleviated the negative effects of the sinker/tailwind gust.

MECHANICAL MALFUNCTION/FAILURE (If more space is needed, continue on separate sheet)

Was there Mechanical Malfunction/Failure? ☐ Yes ☑ No

(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

FUEL & SERVICES INFORMATION

Fuel on Board at Last Takeoff

(Convert from pounds, as necessary)

25 Gallons

Fuel Type

○ 80/87	○ 115/145	○ Jet B	○ Other, specify _____
◉ 100 Low Lead	○ Jet A	○ JP8	
○ 100/130	○ Jet A-1	○ Automotive	

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

Although the left wing was slightly drooped, there was still room to open the pilot door and exit normally.

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

Name: _____

City: _____

State: _____ ZIP: _____

Country: _____

Pilot of Other Aircraft

Name: _____

City: _____

State: _____ ZIP: _____

Country: _____

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	Name of Pilot/Operator: Ross McCrea
10/14/2014 *mm/dd/yyyy*	Signature: _____
	-- or -- ☑ Check here to electronically sign this document

If a Person Other than Pilot/Operator is Filing Report

Name: _____ **Title:** _____

Signature: _____

-- or -- ☐ Check here to electronically sign this document

FOR NTSB USE ONLY

NTSB Accident/Incident No.	Reviewed by NTSB Regional Office	Name of Investigator	Date Report Received
WPR15CA006	WPR	McKenny	10.16.2014