

**MONTANA
DEPARTMENT OF NATURAL RESOURCES
AND CONSERVATION**

2021



AIRCRAFT CRASH, SEARCH, AND RESCUE GUIDE

GENERAL INFORMATION

This guide establishes the actions to take in the event of:

- Overdue Aircraft
- Downed Aircraft

The scope of this guide outlines the basic procedures necessary to activate all emergency, crash, search, rescue and associated support services as rapidly and orderly as possible.

Each category lists priorities and actions to follow

- This guide should be posted in a manner / place that is accessible to whoever might need it
- The names / phone numbers should be posted in pencil and updated periodically

SOMEONE'S LIFE MAY DEPEND ON YOUR ACTIONS

GENERAL INFORMATION

OVERDUE AIRCRAFT

Note: Aircraft may be considered overdue after 30 minutes have elapsed beyond Estimated Time of Arrival (ETA). Refer to Automatic Flight Following (AFF), check airstrips / airports, FAA Control Towers, etc. along the flight route before a report of an overdue aircraft is turned in to any agency outside of the Department of Natural Resources and Conservation.

Although one or two items in the sequence may be unknown at the time, START THE ACTION. Keep an accurate written log or fill in the blanks as best you can.

As much as possible obtain the following information on the overdue aircraft:
1. Name of pilots:
2. Name of passenger(s), How many?
3. Aircraft registration number "N"
4. Type of aircraft
5. Color of aircraft
6. Type of mission
7. Point of takeoff and time
8. Last known location, time, latitude and longitude
9. Date and time aircraft due at destination
10. Amount of fuel on board or the maximum flight time for aircraft
11. Was a flight plan filed, with FAA or someone else?
Caution: Do not announce over the radio the names of individuals in overdue aircraft!

(Continued Next Page)

OVERDUE AIRCRAFT

OVERDUE AIRCRAFT

Contact Dispatch request they notify the following individuals.

Title	Cell Phone	Office Number
Dispatch		
DNRC Air Operations Duty Officer	Chuck Brenton (406) 431-0747	Chuck Brenton (406) 444-0747
DNRC Air Operations Duty Officer	Tal Williams (406) 461-5590	Tal Williams (406) 444-4766
DNRC Land Office Fire Program Manager		
DNRC Aviation Safety Officer	Tal Williams (406) 461-5590	Tal Williams (406) 444-4766

EXAMPLE

OVERDUE AIRCRAFT

DOWNED AIRCRAFT

Although one or two items in the sequence may be unknown at the time, **START THE ACTION**. Keep an accurate log and fill in the blanks as best you can.

1. Name of pilots:
2. Name of passenger(s), How many?
3. Aircraft registration number "N"
4. Type of aircraft
5. Color of aircraft
6. Type of mission
7. Location of accident. Give latitude and longitude, if known a. Locate on forest map b. Locate on aviation sectional map. Plot direction and distance from very high frequency omni directional-range(VOR). Take radials from at least two VOR stations
8. Date and time of accident
9. Injuries or fatalities, if known. If information is given via radio, the names of deceased and or seriously injured will not be stated. Express the need for Coroner if there are fatalities
10. Name, address and telephone number of person reporting accident
11. Assistance that is at or on the way to the accident site
12. See emergency medical services portion of this guide, if applicable

(Continued Next Page)

DOWNED AIRCRAFT

DOWNED AIRCRAFT

Call Area Interagency Dispatcher. Inform the dispatcher if there are injuries or fatalities. If there are injuries do your best to describe the type and seriousness of the injury and requirement for patient transportation.

	Cell Phone	Office Number
Dispatcher will notify:		
DNRC Air Operations Duty Officer	Chuck Brenton (406) 431-0747	Chuck Brenton (406) 444-0747
DNRC Air Operations Duty Officer	Tal Williams (406) 461-5590	Tal Williams (406) 444-4766
DNRC Aviation Safety Officer	Tal Williams (406) 461-5590	Tal Williams (406) 444-4766
DNRC Aviation Safety Officer	Scott Bare (406) 461-9954	Scott Bare (406) 444-0780
DNRC Land Office Fire Program Manager		
Local Law Enforcement Officials. Inform them of injuries or fatalities and the requirement for security if needed		

DNRC Safety Officer will notify the Director of the Department of Natural Resources and Conservation. If the safety Officer is not available, the Air Operations Duty Officer will notify the Director.

Director, Department of Natural Resources and Conservation		Amanda Kaster (406) 444-1948
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DOWNED AIRCRAFT

DOWNED AIRCRAFT ACTION CHECKLIST

NOTE: This checklist is to be used for action that may need to be taken. It may require immediate action, or it may not be a priority.

1. Provide first aid to injured and prepare for transport as soon as possible
2. Request an ambulance: <ul style="list-style-type: none">a. Ambulance helicopterb. Ground Ambulancec. Ambulance fixed-wing
3. Secure accident site: <ul style="list-style-type: none">a. Use local Law Enforcement or DNRC provided officialsb. Allow only authorized personnel on crash sitec. Do not disturb wreckaged. Prepare a helibase. Assign qualified personnel to manage
4. Identify all witnesses: <ul style="list-style-type: none">a. Nameb. Addressc. Telephone numberd. Record or write down witnesses' statements
5. Establish communications with rescue personnel
6. Arrange for services of a qualified photographer
7. Keep a record of all actions and times completed and give to accident investigation team

DOWNED AIRCRAFT ACTION CHECKLIST

Emergency Medical Services (EMS) Helicopter Ambulance Request Information

Date _____

Time _____

Although one or two items in the sequence may be unknown at the time, **START THE ACTION!**

1. Call 911
2. Number of patients
3. Type or extent of injuries, are they conscious or bleeding
4. Type of medical personnel on scene
5. Latitude / Longitude
6. Location / Elevation
7. Landmark / Distance
8. Helicopter landing area and condition
9. Weather conditions
10. Ground contact name / telephone number
11. Radio frequency on scene
12. Other aircraft in the area

EMERGENCY MEDICAL SERVICES

Crash search and rescue planning includes good prevention programs. The following is a recommended checklist to be used.

1. Aircraft Crash Search and Rescue guide a. Posted and visible b. Telephone numbers current
2. Hazard map a. Posted and visible b. Current information c. Available to all aviation personnel
3. Photo and diagram of airport and helibase
4. Hospital with helipad a. Latitude / Longitude b. Flight routes, all headings will be magnetic and distance in nautical miles c. Hazards d. Telephone number e. Radio frequencies used
5. Fixed wing and helicopter parking areas will be marked
6. Fire extinguishers a. Proper type b. Proper size for operations c. Inspected and operational d. Ready, available and visible
7. First Aid kit a. Available and visible b. Complete and up to date c. Litter available
8. Signs posted a. Flammable b. No Smoking c. Authorized Personnel only d. Vehicle parking
9. Cleanliness of airport ramp and helibase

CRASH SEARCH AND RESCUE PLAN CHECKLIST

Title	Cell Phone	Office Number
Dispatch		
DNRC Air Operations, Chief Pilot	Chuck Brenton (406) 431-0747	Chuck Brenton (406) 444-0747
DNRC Air Operations, Aviation Safety Officer	Tal Williams (406) 461-5590	Tal Williams (406) 444-4766
DNRC Air Operations, Training Pilot	Scott Bare (406) 461-9954	Scott Bare (406) 444-0780
DNRC Air Operations, Training Pilot	Chris Bryce (406) 459-7465	Chris Bryce (406) 444-0741
DNRC Air Operations, Maintenance Officer	Nick Keilman (406) 431-0780	Nick Keilman (406) 444-0789
DNRC Headquarters		(406) 444-2074
DNRC Director	Amanda Kaster	(406) 444-1948
DNRC Headquarters, Safety Officer		(406) 542-4247
Local FAA Tower		
Crash / Rescue at Airport		
FAA Flight Service Station		(800) 992-7433
Local FBO		
Local Sheriff's Office		
Montana Highway Patrol		(855) 647-3777
Local Hospital		
Additional Phone Numbers		

TELEPHONE NUMBERS