**SNOW ROUTES & WINTER SURVIVAL**

**UNITED STATES AIR FORCE ACADEMY**

USAFA Snow Route Reference Card, Oct 2021

**OPR: 19CES/CEO**

Releasability: There are no releasability restrictions on this publication.

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**STAYING ALIVE IN YOUR CAR**

If stranded in your vehicle, sit tight. Don’t move. Stay with your vehicle.

Check for Injuries and Treat:

1. Move all survival equipment from trunk to passenger compartment.
2. Inventory all equipment.
3. Tie a signal flag to your antenna.
4. Utilize all available clothing, maps, carpeting, paper, seat covers, etc. to keep you warm.
5. Run engine: 5 min each 30 min, or 10 min each 60 min.
6. Clear obstructions from end of cars exhaust pipe (mud or snow).
7. Run engine to coincide with radio news broadcast.
8. Light a candle or heating fuel such as Sterno in a safe container like a coffee can or glass jar as an emergency heat and light source. Ensure adequate ventilation.
9. If the car or exhaust system is completely covered with snow, DO NOT run the engine as CARBON MONOXIDE will pool under the car and seep into passenger compartment. CARBON MONOXIDE is a colorless, odorless, tasteless gas, known as “The Silent Killer”. It is produced by burning material containing carbon (gasoline). Symptoms of poisoning are fatigue, headaches, nausea, and will cause brain damage and could result in serious injury or death.
10. If the car is covered with snow, cut a ventilation hole. Check ventilation hole each hour.
11. If you are tired, ensure adequate ventilation, then go to sleep.
12. "DO NOT fall asleep with the engine running.
14. Prepare to survive for a minimum of 48 hours.
15. Eat available foods to help produce heat.
17. CONSERVE STRENGTH.
18. GO THROUGH THIS LIST ONCE EACH HOUR.

(*) Most Important

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**WHAT TO DO WHEN TRAPPED OUTDOORS**

1. DON’T PANIC - Build a fire, Sit Down, Stay Calm. THINK
2. MAINTAIN YOUR BODY TEMPERATURE - Add layers of clothing, eat heat-producing foods (carbohydrates), and build a shelter that will protect you from the rain and wind. Drink warm liquids.
3. USE THE FIRE to dry clothing, heat water, signal, and help maintain your morale.
4. PREVENT DEHYDRATION - Drink water (3-4 quarts per day). DON’T EAT SNOW! Melt it first.
5. PREVENT HYPOThERMIA - Watch out for cold/wet/windy conditions that cause massive heat loss.
6. DO NOT TRAVEL - Stay put and wait for rescue forces to find you.
7. SIGNAL - Use signal mirror, whistle, or flares to attract attention to yourself.
8. DO NOT GIVE UP HOPE - Rescuers WILL FIND YOU!

**DO:**

- Review Snow Route Map at link below:
- Adhere to Late Reporting Instruction(s) (This gives CE time to clear the primary routes)
- Maintain 500-foot distance from all snow removal vehicles
- Reduce speed during inclement weather by 10-15mph

**DO NOT:**

- Go around closed snow gates
- PT on roads during snow removal operations
- Leave vehicles in parking lots for extended periods of time in non-designated overnight parking areas

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**Notification Statements / Actions For Personnel During Hazardous Weather Conditions**

I. Decision for Early Release:

- EARLY RELEASE FOR NON-MISSION ESSENTIAL PERSONNEL WILL BE AT ___ HRS."
- Classes continue as originally scheduled unless canceled by the DF, CW, AD.
- Close Community Center activities including BX, Commissary, and Service Station at ___ HRS.
- Child Development and Youth Center begin to close, however, appropriate essential caregivers must remain until last child is picked up by parent/guardian.

II. Decision for Late Reporting:

- Classes will begin at 0900L and follow the USAFA Inclement Weather Schedule of Calls. Mission Essential personnel should contact ME leadership for reporting instructions. Non-Mission Essential personnel will report NO EARLIER THAN 0930L. The Visitor Cordon will open at 1100L. The Child Development Center will open at normal time. Personnel should contact their supervisors with questions.

III. Decision for Base Closure:

- THE ACADEMY IS CLOSED FOR NORMAL OPERATIONS. ONLY MISSION ESSENTIAL PERSONNEL REPORT TO DUTY SECTIONS."
  - Classes are canceled.
  - The Community Center is closed.

(“ = All hours tied to early release / late reporting times)

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**Radio and Television Stations Giving Hazardous Weather Announcements by USAFA/PA.**

**FM STATIONS**

- KBGO 102.7
- KCCY 96.9
- KILO 94.3
- KKLJ 106.3
- KKFJ 98.1
- KAFJ 97.7

**AM STATIONS**

- KRDO 105.5
- KATC 95.1
- KVVU 99.9
- KKPK 92.9
- KOAA 590
- KZNT 1460

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**TV STATIONS / COLORADO SPRINGS**

- KKTV Ch 11 CBS
- KJKO Ch 13 ABC

**TV STATIONS / DENVER**

- KCNC Ch 4 CBS
- KMGH Ch 7 ABC
- KUSA Ch 9 NBC

**COMMAND CENTER AUTOMATED NOTIFICATION SYSTEM**

- 333-6249

**ACADEMY ROAD CONDITIONS 333-2800**

**Helpful Web Links:**

- USAFA SEVEN DAY FORECAST
  - [https://www.usafa.edu/weather/sevenday.cfm](https://www.usafa.edu/weather/sevenday.cfm)
- CLOSURES & DELAYS
  - [http://www.flashalert.net/closures-cats.html](http://www.flashalert.net/closures-cats.html)

**VEHICLE SURVIVAL KIT (Mandatory Survival Items)**

1. Blankets (wool preferred) or sleeping bags.
2. Heat source (candle, stove, non-propane backpacker stove).
3. Matches and lighter.
4. Food - high carbohydrates, candy bars, raisins, dried fruit, peanut butter, peanuts, etc.
5. Extra clothing - wool gloves, hat, coat, pants, scarf.
6. Flashlight - with extra batteries.
7. Large plastic garbage bags.
8. Red or Orange material for antenna signal.
9. Coffee can for all small items and to melt snow for water.

**VEHICLE EQUIPMENT**

<table>
<thead>
<tr>
<th>Suggestion</th>
<th>Personal Medications</th>
<th>Shovel (entrenching tool)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunglasses</td>
<td>Tool Kit</td>
<td>Brightly Colored Tarp</td>
</tr>
<tr>
<td>Ice Scraper</td>
<td>Reflective Triangles</td>
<td>Tote Bags</td>
</tr>
<tr>
<td>Tow Strap</td>
<td>Carbon Monoxide Detector</td>
<td>Come-Along Winch</td>
</tr>
<tr>
<td>Jumpers Cables Emergency Road Flares</td>
<td>Sand or Gravel for traction</td>
<td>Mobile Phone Charger</td>
</tr>
</tbody>
</table>

Keep this in your car and/or wallet at all times