

# EM: In the KNOW!

Emergency Management

Contact Info  
OPR: 19 CES/CEX  
987-3408

Flight Commander:  
Capt Hinson  
Superintendent:  
MSgt Johnson

NCOIC:  
TSgt Hunting

Logistics:  
SSgt Perez  
SrA Cortinas  
SrA Rowen  
SrA Shepherd

Training:  
SSgt Barr  
SrA Smith

Plans/Ops:  
SSgt Goode  
SrA Coutlas

## Tornado Sheltering

- There are no designated natural disaster shelters on Little Rock AFB, unless you live in the Fam-Camp
- In homes and buildings, stay where you're at when a tornado warning is announced!!! Immediately go to the lowest level, center part, smallest room, such as a closet or inner hallway.
- Close all window, blinds, and curtains and stay away from windows. If possible, get under a sturdy piece of furniture, a mattress or blanket to cover yourself from the flying debris.
- If in a mobile home or RV, get out and get to a solid building.
- If caught outdoors or in a vehicle, park your car and go to a substantial structure, if time permits. If not, get to the nearest low-lying area, ditch, or ravine, and lie flat with your hands covering your head.
- Places to avoid taking cover during severe weather: Mobile homes, overpasses, upper levels of multi-floored buildings, large free span buildings, and low lying areas that are susceptible to flooding

**If you do not feel safe in your home, please report to Base Lodging Office for assistance. All pets must have crates. No alcohol/firearms permitted**

**DSN: 731-6753**

**If you choose to stay in your home, shelter is available at the base hospital. DSN: 987-8811**



**Thunderstorms**

Thunderstorms affect relatively small areas when compared with hurricanes and winter storms. The typical thunderstorm is 15 miles in diameter lasts an average of 30 minutes. Despite their small size, ALL thunderstorms are dangerous! Of the estimated 100,000 thunderstorms that occur each year in the United States, about 10 percent are classified as severe. The National Weather Service considers a thunderstorm severe if it produces hail at least 3/4-inch in diameter, winds of 58 mph or higher, or a tornado.

### **Thunderstorm Needs:**

- ⚡Moisture - to form clouds and rain.
- ⚡Unstable air - warm air that can rise rapidly.
- ⚡Lift - cold or warm fronts, sea breezes, mountains, or the sun's heat are capable of lifting air to help form thunderstorms.

### **How far away is the Thunderstorm?**

Count the number of seconds between a flash of lightning and the next clap of thunder. Divide this number by 5 to determine the distance to the lightning in miles.

### **How are they detected?**

We can see thunderstorms with a variety of tools. Radars let us see where rain and hail are located in the storm. Doppler radars also let us see how the wind is blowing within and near the storm. Some features of thunderstorms, such as the anvil that spreads out at the top of the storm, can be seen from satellites.



**Lightning**

### **How Lightning Forms**

Lightning results from the buildup and discharge of electrical energy between positively and negatively charged areas. Rising and descending air within a thunderstorm separates these positive and negative charges. Water and ice particles also affect charge distribution. A cloud-to-ground lightning strike begins as an invisible channel of electrically charged air moving from the cloud toward the ground. When one channel nears an object on the ground, a powerful surge of electricity from the ground moves upward to the clouds and produces the visible lightning strike.

### **30/30 Lightning Safety Rule**

Go indoors if, after seeing lightning, you cannot count to 30 before hearing thunder. Stay indoors for 30 minutes after hearing the last clap of thunder.

### **Lightning Facts**

- ⚡Lightning causes an average of 80 fatalities and 300 injuries each year.
- ⚡Many fires in the western United States and Alaska are started by lightning.
- ⚡Most lightning fatalities and injuries occur when people are caught outdoors in the summer months during the afternoon and evening.

### **Lightning Safety Rules**

- ⚡Postpone outdoor activities if thunderstorms are imminent.
- ⚡Move to a sturdy building or car. If lightning is occurring and a sturdy shelter is not available, get inside a hard top automobile and keep the windows up. Avoid touching any metal.
- ⚡Avoid using the telephone or any electrical appliances not used to get weather information.
- ⚡Do not take a bath or shower during a thunderstorm.
- ⚡Stay away from tall objects such as towers, fences, telephone poles, and power lines.
- ⚡If you are boating or swimming, get to land and find shelter immediately!

26 Apr 11

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## For emergency situations call 911

• **For updated information call the base info line @ 987-HERK**

**Weather 1800-2400**

- THE MAIN THREATS FROM THE SEVERE STORMS WILL BE DAMAGING WINDS IN EXCESS OF 60 MPH AND ISOLATED TORNADOES.
- LARGE HAIL GREATER THAN ONE INCH WILL ALSO BE POSSIBLE. IF CONDITIONS COME TOGETHER IT WILL BE POSSIBLE THAT A VERY STRONG AND LONG TRACK DAMAGING TORNADO COULD BE SEEN IN ARKANSAS.
- ALSO AREAS OF HEAVY RAIN WILL BE POSSIBLE... WITH FROM 1 TO 3 INCHES EXPECTED...AND ISOLATED HIGHER AMOUNTS POSSIBLE WHICH WILL CAUSE FLASH FLOODING.
- MANY AREAS ACROSS THE STATE ARE CURRENTLY FLOODING OR THE GROUND IS SATURATED...AND THIS WILL JUST MAKE CONDITIONS WORST.

### Emergency Family Action Crisis Center (EFAC)

Due to the damage and destruction from the tornado that hit LRAFB on 25 Apr, the 19 MSG has activated the Emergency Family Action Crisis Center, located at the Thomas Community Activity Center (Bldg 868). This team of experts is here to assist families of Little Rock AFB during a crisis, especially of this magnitude. Military and Civilians...

The following agencies are present for any assistance for LRAFB personnel:

- Airmen Family Readiness Center
- Military Family Life Consultant
- SARC
- Legal
- Finance
- Mental Health / Family Advocacy
  - Traumatic Stress Response Unit
  - Emergency Family Counseling Unit
- Air Force Aid Society
- Chaplain
- Counselors from additional agencies
- Alternate dependent childcare 1100-1800L: contact 501-987-6720

**You may call 987-5838/5842/5843/5844 if you would like any additional information about this support group**