



NEBRASKA



November 2008

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Squadron News: Ground Team Member Training in Fort Dodge



Ground team member training was held in Ft. Dodge on Saturday Nov. 15th. 5 members from the Red Oak Squadron were in attendance including SMs Erickson, Brace, and Bozarth and Cadets Bozarth and Taylor. The day consisted of two parts, a classroom setting which focused on types of searches, methods, and safety precautions. The outdoor classroom focused on the line search, where SM Schwann placed clues in various locations to teach proper procedures when conducting searches. The outdoor classroom also taught the members how to work with compasses, most importantly how to shoot an azimuth.

Calendar

- November**
- !Thursday 27 Nov. 2008
Happy Thanksgiving!
 - !Sunday 30 Nov. 2008
no meeting this weekend

In order to participate on a ground team crew, the Level 3 trainee qualifications must be completed and signed off on. Additional classes will be held, we will post that information as we receive it.

Additional pictures from this event can be viewed [here](#).

- December**
- !Sunday 14 Dec. 2008
Senior meeting - 1300hrs
Cadet meeting - 1330 hrs
 - !Thursday 25 Dec. 2008
Merry Christmas!
 - !Sunday 28 Dec. 2008
no meeting this weekend

Safety Briefing - October 2008

This briefing discusses fog in its many forms. Fog causes server risks to both drivers and pilots. This year we are experiencing an unusual amount of fog that has caused these higher risks. Please study weather forecasts and plan ahead. If flying, remember fog can form quickly and it may be clear on downwind and zero on final. If driving, hill tops may be clear and the valleys down to zero.



Radiation Fog - This type of fog forms at night under clear skies with calm winds when heat absorbed by the earth's surface during the day is radiated into space. As the earth's surface continues to cool, provided a deep enough layer of moist air is present near the ground, the humidity will reach 100% and fog will form. Radiation fog varies in depth from 3 feet to about 1,000 feet and is always found at ground level and usually remains stationary. This type of fog can reduce visibility to near zero at times and make driving very hazardous.

- January 2009**
- !Thursday 1 Jan. 2009
Happy New Year!

Notes

We have been informed that we will be getting a van to be used for mass transportation to CAP related activities. So far we have one CAP licensed driver, but hopefully should be getting an additional two people authorized in the near future.

Valley fog is a type of radiation fog that is very common in river and creek valleys. When air along ridgetops and the upper slopes of mountains begins to cool after sunset, the air becomes dense and heavy and begins to drain down into the valley floors below. As the air in the valley floor continues to cool due to radiational cooling, the air becomes saturated and fog forms. Valley fog can be very dense at times and make driving very hazardous due to reduced visibility. This type of fog tends to dissipate very quickly once the sun comes up and starts to evaporate the fog layer.

Advection Fog - Advection fog often looks like radiation fog and is also the result of condensation. However, the condensation in this case is caused not by a reduction in surface temperature, but rather by the horizontal movement of warm moist air over a cold surface. This means that advection fog can sometimes be distinguished from radiation fog by its horizontal motion along the ground.

Cadet Taylor has some excess supplies. If you are interested, please contact him at planefreak.lmt@gmail.com.

Sea fogs are always advection fogs, because the oceans don't radiate heat in the same way as land and so never cool sufficiently to produce radiation fog. Fog forms at sea when warm air

Contact Us

For questions, comments, or to request this newsletter via your email inbox, please [email us](mailto:se@iawg.cap.gov).

We are currently in the process of getting a website up and running. Our new home will be www.redoakcap.us.



News From Around The North Central Region

Minnesota Wing holds search and rescue training at Brainerd airport
November 17, 2008

2nd Lt. George Supan
Information Officer
Group II Search, Rescue Exercise
Minnesota Wing

MINNESOTA -- Members from across the Minnesota Wing descended on Brainerd Lakes Regional Airport on Oct. 18 for a search and rescue training exercise hosted by the Crow Wing Composite Squadron.

In all, 44 members participated as qualified aircrews employed 12 light aircraft from the wing to mentor trainees on operational procedures and communications equipment, and aircrews, ground teams, communications and staff support personnel handled several emergency services scenarios, from looking for an emergency locator transmitter signal from a downed aircraft to updating pilot, observer, scanners and ground team skills.

associated with a warm current drifts over a cold current and condensation takes place. Sometimes such fogs are drawn inland by low pressure, as often occurs on the Pacific coast of North America.

Advection fog may also form when moist maritime, or ocean, air drifts over a cold inland area. This usually happens at night when the temperature of the land drops due to radiational cooling.

Upslope Fog - Upslope fog forms when light winds push moist air up a hillside or mountainside to a level where the air becomes saturated and condensation occurs. This type of fog usually forms a good distance from the peak of the hill or mountain and covers a large area. Upslope fog occurs in all mountain ranges in North America. This usually occurs during the winter months, when cold air behind a cold front drifts westward and encounters the eastward facing slopes of the Rocky Mountains. As the cold, moist air rises up the slopes of the mountains, condensation occurs and extensive areas of fog form on the lower slopes of the mountains.

Ice Fog - This type of fog forms when the air temperature is well below freezing and is composed entirely of tiny ice crystals that are suspended in the air. Ice fog will only be witnessed in cold Arctic / Polar air. Generally the temperature will be 14 F or colder in order for ice fog to occur.

Freezing Fog - Freezing fog occurs when the water droplets that the fog is composed of are "supercooled". Supercooled water droplets remain in the liquid state until they come into contact with a surface upon which they can freeze. As a result, any object the freezing fog comes into contact with will become coated with ice. The same thing happens with freezing rain or drizzle.

Evaporation or Mixing Fog - This type of fog forms when sufficient water vapor is added to the air by evaporation and the moist air mixes with cooler, relatively drier air. The two common types are steam fog and frontal fog. Steam fog forms when cold air moves over warm water. When the cool air mixes with the warm moist air over the water, the moist air cools until its humidity reaches 100% and fog forms. This type of fog takes on the appearance of wisps of smoke rising off the surface of the water.

The other type of evaporation fog is known as frontal fog. This type of fog forms when warm raindrops evaporate into a cooler drier layer of air near the ground. Once enough rain has evaporated into the layer of cool surface, the humidity of this air reaches 100% and fog forms.

Remember, whenever you drive into dense fog ALWAYS slow down. This will allow you to increase the distance between your car and any cars in front of you that you may not be able to see due to the thickness of the fog. It is also important to switch your headlights to low beams. When you drive through fog with your headlights on high beams, a large amount of the light from your cars' headlights will be scattered off the fog droplets and back into your eyes, which will reduce visibility even more and make it that much more difficult to see the objects in the road in front of your car and along the side of the road!! More information is available at the NOAA web site.

For the members of IA-001 and members of the Wing Staff, please answer these two questions:

1. Which type of fog is common this time of year?
2. What does dBA mean as used in the Sentinel?

Send your answers to se@iawg.cap.gov.

[The Sentinel - The Official CAP Safety Newsletter](#)

Senior Members

1. If you haven't yet, don't forget to go to the e-Services portion of the National CAP page and sign up. Here you'll be able to find many more resources and take online tests.

"The Brainerd area provides for a unique and challenging training exercise," said Brainerd's mayor, James Wallin. "It's great to be at the squadron again and to observe this important training."

Lt. Col. Keith Bischoff of the Duluth Composite Squadron, incident commander, said, "Great people helping people who get lost is what it is all about. Training, checking procedures and equipment make it all work when the call is received."

"The overall exercise went well," said 1st Lt. Jeffrey Weitemier, event coordinator and the Crow Wing squadron's deputy commander and project officer.

Lt. Col. Dave Skaar, wing operations officer, and 1st Lt. George Anderson of the North Hennepin Composite Squadron assisted with air operations. Capt. Jacob Heffron of the Crow Wing unit managed the ground and communications operations. Coordinating financial matters for the airplanes and vehicles was Col. Kevin Sliwinski, wing emergency services officer, assisted by Capt. Norville Pervier of the Crow Wing squadron. Maj. Paul Pieper of the St. Paul Composite Squadron was the flight line supervisor along with cadets from the the Duluth and Mankato composite squadrons. Col. Tom Weston, North Central Region vice commander, attended to support Minnesota Wing and update his training. Cadets marshaled the flight line.

We are currently in the process of organizing the Squadron. Please look over this list and let Maj. Murphy know if there are any positions you'd like to hold. Here is a list of duty positions to consider: Personnel, Public Affairs, Finance, Inspector General, Professional Development, Administration, Logistics, Flight Operations, Operations, Standardization-Evaluation, Emergency Services, Communications, Aerospace Education, Cadet Programs, Safety, Plans and Programs, Legal, Health Services, Chaplain, Historian, Moral Leadership, Recruiting and Retention Officer, Information Technology Officer, and Drug Demand Reduction. For more information on each position, please check out the [National CAP](#) website.

Cadets

This has been a good start to this month. I am pleased to report that 5 members of the Red Oak Flight went to the GTM training in Fort Dodge. Two of which were cadets. It was very informative and went a long way towards getting Ground Team Level 3 Certified. Cadet Taylor was very gung ho and tried to get his 24 hour pack checked out. He was very close. He was just short a few minor items and a second canteen. We are planning on getting him checked off next meeting. Way to go Cadet! We will get it done next time!

Cadets, we need your measurements for your blues! Please have this done and the information sent to [SM Erickson](#) as or submit your measurements online via e-Services soon as possible!. Once we have all measurements submitted, the order will be placed. Once they come in we will distribute accordingly. I would like to get your uniforms complete so we can discuss what is needed for Honor Guard. Speaking of which, don't forget to keep reading through your drill manual and practicing those steps! We will do what we can during the winter to find a suitable space during meetings to keep working on this.

As always let your friends and family know that we are always looking for new volunteers!

Semper Vigilans!

-Jason Erickson, SM, Deputy Commander for Cadets



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Calendar

December

- !Monday 1 Dec. 2008
67th Anniversary of CAP
- !Sat/Sun 6-7 Dec. 2008
Unit Commander's Course
Des Moines, IA
- !Sunday 14 Dec. 2008
Senior meeting - 1300hrs
Cadet meeting - 1330 hrs
- !Saturday 20 Dec. 2008
GTM Training - Ft. Dodge, IA
9am - 3pm
- !Thursday 25 Dec. 2008
Merry Christmas!
- !Sunday 28 Dec. 2008
no meeting this weekend



January 2009

- !Thursday 1 Jan. 2009
Happy New Year!

Notes

Civil Air Patrol Celebrates 67th Year

| MAXWELL AIR FORCE BASE, Ala. -The 57,000 members of the Civil Air Patrol will observe another year of vigilant service to America on Dec. 1.

Wreaths Across America - 13 Dec. 2008

Squadron News:

It's time to talk recruiting

First of all, I must stress that before we can go out looking for new members, we need to understand what it is that CAP does for the community at large. The national public affairs office with CAP has prepared a fact sheet, which I think serves as a great starting point when we talk to non-members about our organization. To check it out, go [here](#). Keep in mind that this is only a starting point. There is so much more to CAP than a one-page fact sheet. The more you know and enjoy what you do, the more people will want to join. Recruiting is a group effort and to grow our group, we need your help!

-Jessa Brace, Public Affairs Officer

Ground Team Member Training

According to the calendar, ground team member training will be conducted each month on the 3rd Saturday in Ft. Dodge from 9am to 3pm. Currently, we have 1 member certified and 2 more who only need their 24-hour pack checked over before they have trainee status. We will be putting together a sign-up sheet for those who want and plan to attend. Arrangements will then be made for transportation to and from Ft. Dodge. If you are interested in attending the December 20th training, please email [Maj Murphy](#) ASAP!

Don't forget to bring your SQTR 3. If you have your 24-hour pack put together, bring it with and someone at the training will be there to check it over for you.

From Commander Maj. Murphy

Merry Christmas, Happy Hanukkah, and an otherwise pleasant December to everyone.

As 2008 winds up I am finding myself looking back on my first year with the Civil Air Patrol and the first several months of our effort at bringing, once again, a CAP presence to Southwest Iowa. 2008 saw a significant disturbance within the CAP "force" here in Iowa - mostly as a result of an unexpected change in the Wing leadership. However, with the exception of a few of us, most of us here in SW Iowa are new to the organization. This has ended up keeping us shielded from the fallout of these changes since we didn't know what things were like before. I think that has worked to our benefit since it has freed us up to focus on what sort of role we would like to play within the Wing, and to be frank, that is still ongoing. What has been very evident is that the people that we do have are very motivated and excited to see us move forward as we mature as a group.

By next summer I foresee many of us achieving our initial certifications in various areas, whether that be as a Ground Team Member, Flight Line Marshall, Missions Observer/Scanner, or whatever you choose to focus on. And during the certification process we will become more and more involved with the Wing as a whole, and that will open up even more opportunities to those willing to become evermore involved. My challenge to everyone, myself included, is to contribute some amount of time every week to your professional development within the Civil Air Patrol. This may be working on your mission equipment, studying for your next advancement exam, or preparing training for the group. But whatever it is, remain engaged so that when spring and

! Veteran memorials and gravesites across the nation will be adorned with remembrance wreaths on Dec. 13 in stirring, solemn tributes to the courage and sacrifice of those who have guarded and preserved our nation's freedom throughout history. For more, click [here](#).

28 Dec. 2008 Meeting

! Due to Christmas falling just a few days before our 2nd meeting this month, the decision has been made to go ahead and cancel that meeting.

Contact Us Council Bluffs

For questions, comments, or to request this newsletter via your email inbox, please email us at [redoakcap.us](mailto:info@redoakcap.us).

We now have our own website up and running. Check us out at www.redoakcap.us.



News From Around The North Central Region

Minnesota Members Find Body of Missing Man
December 1, 2008

Capt. Richard J. Sprouse
Public Affairs Officer
Group 2
Minnesota Wing

MINNESOTA -- Members of the Minnesota Wing recently found the body of a man missing since late October.

The Scott County Sheriff's Department received a report Nov. 8 that an abandoned vehicle containing a suicide note was

summer roll around we feel ready and anxious to get out there and have fun with all of the great opportunities available to us.

I hope that everyone has a great time over the Holidays, and if I don't see you at our meeting on 14 December, I look forward to seeing you after the New Year. Whatever you do, please be safe in your travels. I don't want to refer to any of you as a mission number!

-Maj Joseph Murphy, Squadron Commander

Safety Briefing - Holiday Safety

Holiday Safety (reprinted from a previous Sentinel)



'Tis the season for joy and sharing, families and home. We should, however, never let our guard down when it comes to safety; our own and those around us. So to help you with a checklist of Holiday safety I will share with you some good ideas from the McKinney, Texas fire department.

- ! Use only decorations labeled flame resistant, flame retardant or non combustible. Keep candles at least 3 feet from any combustible material and never leave them unattended. Purchase only electrical decorations bearing the name of an independent testing lab such as UL.™
- ! Follow manufacturer's directions for light use, never connecting more than 2 or 3 strands together on one outlet.
- ! Never leave cooking unattended.
- ! Never use your fireplace to burn wrapping paper or other trash.
- ! Always keep the stand for a live tree filled with water and check the water level daily. A fresh tree will be green with needles that are hard to pull from the branches.
- ! Avoid leaving your live tree up for longer than two weeks.
- ! Avoid using electrical lights on a metallic tree to eliminate the risk of electrocution.
- ! Turn off all decorative lights when going to bed and when leaving home.
- ! Have working smoking alarms on every level of your home and in each bedroom or sleeping area.
- ! Remember to practice your home escape plan as a family.
- ! Have your tree recycled or collected rather than burning it, or making it available for "others" to do so.

Enjoy the Holidays with family and friends, and never let your guard down to keep yourself and everyone safe!

[The Sentinel - The Official CAP Safety Newsletter](#)

Senior Members

1. It's getting colder out and, naturally, most of us would prefer to curl up with a nice mug of hot chocolate in front of the fireplace. Don't forget though that while we aren't focusing on outdoor activities as much, we can still be reading and getting tests taken. For the most part, we can utilize e-Services to take tests.

Cadets

It was a slow November due to training and the holiday. I hope everyone had a great Thanksgiving!

We did not have meeting but I remained busy. I attended SLS Training and learned much about how to run the squadron and expectations for the Seniors and Cadets. As such, there will be some changes to the way the Cadet meetings will flow.

The cadets will now be required to bring their Aerospace and Leadership books to the meetings. I, another Senior member, or both will quickly go over the current material required for the next promotion with the cadets. This does not mean we will read the book in the meeting, just recap before the cadet takes their test. I think this will help the cadets and the seniors in getting

parked along a rural township road near Henderson. The Air Force Rescue Coordination Center activated the Minnesota Wing that evening to assist with the search.

The following morning, 43 ground team members, three aircrew members and five mission base personnel searched the area near the abandoned vehicle.

[Read More](#)

acquainted with the materials.

I have ordered appropriate rank pins for the cadets. Cadet White has been out of uniform due to lack of a complete rank set. I look forward to repairing this situation next time I see him.

Speaking of out of uniform, I am still missing measurements for cadet uniforms. We need to get this taken care of, so at the next meeting I will have a measuring tape and we will get this done for those of you who have not submitted by then.

Looking forward to seeing you at the next meeting!

Semper Vigilans!

-Jason S. Erickson, SM, Deputy Commander for Cadets
