

# 2018

Manual provided by:

Nebraska Forest Service

## EMERGENCY ASSISTANCE FOR WILDFIRE CONTROL



*Photo courtesy: Ainsworth Star Journal*

*In cooperation with*

**NEBRASKA EMERGENCY MANAGEMENT AGENCY**



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# EMERGENCY ASSISTANCE FOR WILDFIRE CONTROL

## INTRODUCTION

This publication has been developed by the Wildland Fire Protection Program of the Nebraska Forest Service, as a description of aviation suppression resources available to the rural fire districts and the fire departments in the State of Nebraska for the control and suppression of wildfires. It can be used as a “quick reference” source for those resources available statewide. It is divided into four sections.

### **Section 1: Phone Directory, pages 3-5**

This section contains the telephone numbers of several state, federal and private agencies that have emergency suppression resources or can provide technical expertise in the suppression of wildfires.

### **Section 2: Aerial Applicator and Foam Retardant Directory, pages 6-12**

This section contains the following information concerning the Nebraska Forest Service Fire Aviation Program:

- The procedures that must be used to obtain aircraft for wildfire suppression.
- The names, locations, and phone numbers of cooperating aerial applicators.
- The number and size of aircraft available.
- Instructions for the use of and locations of Class A Foam.

### **Section 3: Local Resources, page 13**

This section is reserved for the use of the individual fire departments to record local telephone numbers or other vital information in the Quick Reference section.

### **Section 4: SEAT Requests, page 14-19**

This section contains deployment procedures and forms you will need to follow to order a Single Engine Air Tanker (SEAT).

Take time now, **BEFORE** you need this manual, to turn to **page 13** and fill in the local telephone numbers that you may need when a major wildfire strikes.

# IMPORTANT NOTICE

1. If a wildland fire occurs in your fire district and aerial applicators are used, the following must take place:
  - \* The incident commander or designee must track the accrued expense of aircraft utilization (all aircraft used, not individually) for billing purposes.
  - \* As the cost nears \$25,000, the incident commander must notify the Nebraska Emergency Management Agency (NEMA).
  - \* NEMA must have permission from the governor's office and a Governor's Emergency Declaration to expend more than \$25,000.
2. Should your wildland fire become large enough and/or threaten a community, the incident commander can request large air tankers or National Guard helicopters by contacting NEMA directly: 877-297-2368 or 402-471-7421.
  - \* This is the fastest and only means of requesting large air tankers and/or helicopters.

THIS MANUAL WAS PREPARED BY:

## NEBRASKA FOREST SERVICE

Wildland Fire Protection Program  
102 Forestry Hall, East Campus  
University of Nebraska-Lincoln  
Lincoln, Nebraska 68583-0815  
Phone: 402-472-2944  
Fax: 402-472-2964

IN COOPERATION WITH:

NEBRASKA EMERGENCY MANAGEMENT AGENCY

<b>ASSISTANCE FOR MANAGING WILDFIRES</b>	<b>DAY PHONE</b>	<b>NIGHT PHONE</b>
		<i>(if different from DAY)</i>
<b>Nebraska Forest Service</b>	402-472-2944	
<b>Nebraska Emergency Management Agency (NEMA)</b>	877-297-2368	402-471-7421
<b>NEBRASKA AGENCIES</b>		
<b>Nebraska Emergency Management Agency (NEMA)</b>	877-297-2368	402-471-7421
Nights, weekends, holidays		402-471-7421
<b>Nebraska Forest Service</b>		
• John Erixson, State Forester	402-472-6601	
• Matt Holte, Fire Program Team Leader	402-472-6060	307-287-9125
• Justin Nickless, Fire Management Specialist - Ainsworth	402-760-1930	
• Seth Peterson, Fire Management Specialist - Chadron	308-432-6132	402-366-3540
• Lew Sieber, FEPP Manager	402-624-8061	402-499-2650
<b>Fire Marshal</b>	402-471-2027	
• District A - Lincoln	402-471-2590	
• Bob Sleight, Chief District A	402-366-5940	
• District B - Albion	402-395-2164	
• Sean Lindgren, Chief District B & C	402-750-0459	
• Training Division, Grand Island	308-385-6892	
• Jim Heine, State Fire Marshal	402-471-2027	402-720-6899
<b>State Patrol</b>		
• Emergency	800-525-5555	
• HazMat Response	800-525-5555	
• Mobile Command Post	800-525-5555	
• Headquarters - Lincoln	402-471-4545	
• Troop A, Omaha	402-331-3333	
• Troop B, Norfolk	402-370-3456	
• Troop C, Grand Island	308-385-6000	
• Troop D, North Platte	308-535-8047	
• Troop E, Scottsbluff	308-632-1211	
<b>OTHER AGENCIES</b>		
<b>Northern Great Plains Interagency Dispatch Center - Rapid City, SD</b>	605-399-3160	
<b>Rocky Mountain Area Coordination Center - Lakewood, CO</b>	303-445-4300	
<b>National Interagency Coordination Center - Boise, ID</b>	208-387-5050	
<b>RAILROADS</b>		
<b>Burlington-Northern Railroad - Emergency</b>	800-832-5452	
	<i>option 1</i>	
<b>Nebraska Central Railroad - Train Dispatcher - Norfolk</b>	402-371-9015	402-379-2262
<b>NebKota Railroad - Train Dispatcher - Chadron</b>	308-432-2487	308-432-8378

	<b>DAY PHONE</b>	<b>NIGHT PHONE</b>
<b>RAILROADS</b> <i>(continued)</i>		<i>(if different from DAY)</i>
<b>Nebraska Northwestern</b> - Train Dispatcher - Chadron	308-432-8378	
<b>Nebraska-Kansas-Colorado Railway</b> - Grant	800-331-3115	
<b>Union Pacific Railroad – Emergency/Critical call</b>	888-877-7267	
<b>U.S. GOVERNMENT</b>		
<b>National Park Service</b>		
Midwest Regional Office - Omaha	402-661-1601	
• Cam Sholly, Regional Director	402-661-1520	
• Dave Niemi, Deputy Regional Fire Management Officer	402-661-1762	402-250-1233
• Scott Beacham, Fire Management Specialist	402-661-1768	402-651-8789
Agate Fossil Beds - Harrison	308-668-2211	308-436-9760
• James Hill, Supt.	308-436-9770	
Homestead National Monument - Beatrice		
• Mark Engler, Supt.	402-223-3514	
Missouri National Recreational River - Crofton		
• Richard Clark, Supt.	605-665-0209	
Niobrara National Scenic River - Valentine		
• Steve Thede, Supt.	402-376-1901	605-454-5161
Scottsbluff Monument - Gering	308-436-9700	
• Dan Morford, Supt.	308-436-9711	
• Mark Davison, Chief Ranger	308-436-9721	
<b>U.S. Forest Service</b>		
Nebraska National Forest - Chadron		
• Kevin Chung, Forest Supervisor	308-432-0300	
• Timothy Buskirk, District Ranger	308-432-6855	308-432-0393
• Julie Bain, Bessey Ranger District - Halsey	308-533-2257	308-533-8115
• Tedd Teahon, District Fire Manager-Halsey	308-880-0540	308-533-8108
McKelvie Ranger District - Nenzel	308-553-2257	
Pine Ridge Ranger District - Chadron		
• Timothy Buskirk, District Ranger	308-432-6855	308-432-0393
• Mike Mattmiller, Assistant Fire Management Officer	308-432-0300	
• Scott Bovey, Fire Management officer	308-432-0300	
<b>U.S. Fish &amp; Wildlife Service</b>		
Rainwater Basin Management	308-263-3000	
Quivira National Wildlife Refuge - Stafford, KS		
• Bill Waln, Fire Management Officer	620-486-2393	
Crescent Lake NWR - Ellsworth		
• Rod Wittenberg, Refuge Manager	308-762-4893	
• Chris Masson, Fire Program Specialist	308-762-4893	308-762-2028

	DAY PHONE	NIGHT PHONE
<b>U.S. Fish &amp; Wildlife Service</b> <i>(continued)</i>		<i>(if different from DAY)</i>
Fort Niobrara NWR		
• Steve Hicks, Refuge Manager; Billy Cumbow	402-376-3789	
Valentine NWR	402-376-1889	
<b>NATIONAL WEATHER SERVICE</b>		
Western Nebraska: Cheyenne, WY	800-269-6220	
• Banner, Box Butte, Cheyenne, Dawes, Kimball, Morrill, Scotts Bluff, Sioux counties		
Southwest Nebraska: Goodland, KS	800-272-7811	
• Dundy, Hitchcock, Red Willow counties		
North Central Nebraska: North Platte, NE	800-603-3562	
• Arthur, Blaine, Brown, Boyd, Chase, Cherry, Custer, Deuel, Frontier, Garden, Garfield, Grant, Hayes, Holt, Hooker, Keith, Keya Paha, Lincoln, Logan, Loup, McPherson, Perkins, Rock, Sheridan, Thomas, Wheeler counties		
South Central Nebraska: Hastings, NE	800-528-2914	
• Adams, Buffalo, Clay, Dawson, Fillmore, Franklin, Furnas, Gosper, Greeley, Hall, Hamilton, Harlan, Howard, Kearney, Merrick, Nance, Nuckolls, Phelps, Polk, Sherman, Thayer, Valley, Webster, York counties		
Eastern Nebraska: Valley, NE	800-452-9074	
• Antelope, Boone, Burt, Butler, Cass, Cedar, Colfax, Cuming, Dodge, Douglas, Gage, Jefferson, Johnson, Knox, Lancaster, Madison, Nemaha, Otoe, Pawnee, Pierce, Platte, Richardson, Saline, Sarpy, Saunders, Seward, Stanton, Thurston, Washington, Wayne counties		
Northeast Nebraska: Sioux Falls, SD	800-852-9470	
• Dakota, Dixon counties		

## National Weather Service - Nebraska county coverage and contact information



# FIRE AVIATION

A number of aerial applicators across Nebraska are cooperating with the Nebraska Forest Service and Nebraska Emergency Management Agency to provide aerial application of retardants to combat wildfires. The aerial applicator is an initial attack tool available to a fire department and can often get to the fire before ground crews.

**Dispatching Procedure:** To use aircraft, the following guidelines **will** be used:

- 1. Dispatching:** The Incident Commander is authorized to dispatch one or more aerial applicators to apply fire retardant on wildfires. Aircraft can fly from an airport other than their base of operations, therefore eliminating the possibility of an aircraft closest to a wildfire not being available. In many instances, there will be an airport closer to the wildfire than there will be aircraft. Using the closest airport will also cut down on the turnaround time for each mission flown.
- 2. Notification:** The local fire chief, fire department officer, the county sheriff or the local emergency management director of the jurisdiction requesting aircraft **will call** the Nebraska Emergency Management Agency Emergency Operations Center (EOC) in Lincoln and inform them that aircraft have been requested. **The EOC must be notified immediately.** These requirements are necessary to allow for the use of the Governor's Emergency Fund to pay for the aircraft. **Failure to give proper notification and information will result in the local fire department paying for the aircraft.**
- 3. The Nebraska Forest Service must be notified within 48 hours of the fire.**
- 4. Reimbursement:** The Nebraska Emergency Management Agency (NEMA) has set the following rates:

Aircraft Load	Rate per Hour	Aircraft Load	Rate per Hour
50-150 gallons	\$500.00	451-600 gallons	\$2000.00
151-200 gallons	\$565.00	601-800 gallons	\$2200.00
201-300 gallons	\$825.00	801+ gallons	\$2400.00
301-450 gallons	\$1800.00	<b>Effective July 1, 2013</b>	

**Billing:** The aerial applicator should bill the requesting agency (the local fire department) but send the statement directly to:

John Erixson  
Nebraska Forest Service, Wildland Fire Protection  
P.O. Box 830815  
Lincoln, NE 68583-0815

**Late Bills:** Bills received more than thirty (30) days after the incident will not be paid. In the event of extenuating circumstances, the applicator may pursue payment after 30 days by:

- Appearing personally at the Nebraska Forest Service office in Lincoln **and**
- Providing documentation to justify processing the late bill.

This documentation will be sent to NEMA for further action.

**Billing Statement Forms may be obtained by calling the Nebraska Forest Service at 402-472-2944.**



## SAFETY PRECAUTIONS FOR AIRCRAFT USAGE

**Pilot Discretion:** The decision to fly or not to fly a wildfire mission is that of the aircraft pilot **ONLY**. If the pilot determines that the flying conditions so warrant, he/she may refuse to fly. **The pilot's decision is final.**

**Air Traffic:** In those situations when *multiple* aircraft are used on a fire, it is essential that their activity be coordinated. We recommend that for large fires with multiple aircraft, the fire chief appoint a person (an aircraft supervisor is recommended) to be in charge of aerial operations. This person should have radio contact with both the aircraft and fire chief. Aircraft without radios should be kept clear of congested airspace around the fire. If aircraft without radios must be utilized, a person in radio contact with the fire chief will be physically present at the landing/refill site to direct pilots to the appropriate area of the fire and establish a safe route to and from that area. It may be necessary to hold them on the ground from time to time until airspace clears.

**NOTE:**

**Aerial applicators will not be allowed to enter air space being utilized by air tankers under contract to Nebraska or the federal government. All aerial applicators must be removed from within ten air miles of the retardant drop area or grounded while federal air tankers are assigned to a wildfire.**

## TRAINING FOR AERIAL APPLICATORS

Training and/or review is available for fire departments and new/existing aerial applicators in the proper procedures for aircraft operations during a wildfire incident.

**Please contact one of the individuals listed below to receive training pertaining to:**

1. Fire department activities around aircraft;
2. Safety procedures used when multiple aircraft are used;
3. The establishment of a staging area for air operations;
4. Pilot flight procedures for dropping fire retardant on a wildfire; and
5. Pilot responsibilities in conjunction with fire department operations.

*This training is also offered through the State Fire Marshal's office.*

**Please contact one of the following individuals regarding training or with questions:**

- |  |  |
|--|--|
| 1. Seth Peterson<br>Nebraska Forest Service<br>Chadron, NE<br>308-432-6132 | 2. Justin Nickless<br>Nebraska Forest Service<br>Ainsworth, NE<br>402-760-1930 |
|--|--|

## COOPERATING AERIAL APPLICATORS

The following aerial applicators are cooperating with the Nebraska Forest Service and the Nebraska Emergency Management Agency (NEMA) to provide aerial fire suppression to requesting fire departments. Get to know them before you have a fire.

- Use the closest possible resource.
  - If the nearest aerial applicator is unavailable, you may contact another aerial applicator who is within a reasonable distance of the fire.
  - Make sure that you have determined the location of the nearest airport to the fire for use as a base of operations.
  - If you are still unable to arrange for an aerial applicator to assist you with your wildfire suppression, contact the Nebraska Forest Service at 402-472-2944 during normal working hours.
  - After hours, contact the Nebraska Emergency Management Agency EOC at 1-877-297-2368 or 402-471-7421.
  - Advise the operator that you need assistance in obtaining an aerial applicator on your wildfire.
- \* ***Please refer to the contact list on the following pages.***

## 2018 COOPERATING AERIAL APPLICATORS CONTACT LISTING

AIRCRAFT LOCATION	RESPONSE/TRAVEL AREA (counties)	BUSINESS NAME	OWNER / OPERATOR	DAY PHONE	ALTERNATE PHONE	AIRCRAFT & CAPACITY (gallons)	CLASS A FOAM	RADIO FREQUENCY
Albion / Boone	Antelope, Boone, Greeley, Holt, Madison, Nance, Platte, Wheeler	Petersburg Flying Service LLC	Kenneth Schmitz	402-394-1613	402-386-5579	N8519V - 500	Yes	122.925
Aurora / Hamilton	Adams, Clay, Hall, Hamilton, Merrick Polk, York	Traudt Aerial Service	Jeremy Hope	402-694-3144	402-694-8530	N203GH - 660	Yes	122.925
Bassett / Rock	All Nebraska counties	North Central Aviation	Thomas Monroe	402-322-0338		N402DG-400	Yes	122.925
Bloomfield	Knox, Cedar, Pierce, Antelope, Boyd, Holt	Bloomfield Ag & Aerial Service	Steve/Cindy Barney	402-373-2452	402-640-4755	335	No	Cell phone
Broken Bow / Custer	All Nebraska counties	Arrow Aviation	Casey Williams	308-440-2709	308-872-5113	N3086A - 800	Yes	122.925
Cozad / Dawson	Buffalo, Custer, Dawson, Frontier, Gosper, Lincoln, Phelps. (Consider All)	Mid State Aviation II Inc.	Allison Donner	928-920-3743	308-784-3868	N502MS - 500	No	122.925
Elkhorn / Douglas	All Nebraska counties	Hexagon Helicopters Inc.	Brent Wulf	402-885-0189		N719TF - 75	No	122.925
Kearney / Buffalo	100 – 150 miles of Buffalo county	Buffalo Air Services	Sean Penner	308-224-6119	308-237-3700	N517SG - 500 N609AT - 630	Yes	122.925
Kearney	All Nebraska counties	Woods Aviation Inc.	Waylon Woods	308-224-6283		N30539 – 500 N3006K – 400	No	122.925
Tilden / Madison	All Nebraska Counties	Wilcox Flying Service	Brian Wilcox	402-640-4999		N502NE – 500	Yes	122.925
Milford / Seward	All Nebraska counties	Roth Aerial Spraying Inc.	Dave Roth, Jerrel Roth	402-761-2322	402-641-0291 (Dave cell)	N502AR - 500 N1529E - 500 N908LA – 500 N312LA - 500	No	122.925
Minden / Kearney	South central Nebraska	Pioneer Aerial Applicators	Brent Stewart	308-830-0391	308-832-0853	N608PA - 630	Yes	122.925
Ord / Valley	Garfield, Greeley, Howard, Loup, Sherman, Valley, Wheeler	Green Meadows Aviation	Rex Kelley	308-214-1516	308-728-3990	N9985J - 200	No	122.925

(continued on other side)

AIRCRAFT LOCATION	RESPONSE/TRAVEL AREA (counties)	BUSINESS NAME	OWNER / OPERATOR	DAY PHONE	ALTERNATE PHONE	AIRCRAFT & CAPACITY (gallons)	CLASS A FOAM	RADIO FREQUENCY
Orleans/Harlan	Harlan/Furnas/Phillips/Franklin	Valley Flying Service INC.	Royce A. Bose	308-920-1068		N4949R-180	Yes	122.925
Pender	Dakota, Dixon Thurston and Wayne	Redline Aviation	Ryan Lyhs	712-899-7831		731 FTP – 275 946 CW – 500 281 LA – 500	Yes	130.30
Red Cloud / Webster	Nuckolls, Webster , Thayer , Clay Adams, Franklin	Meyers Aerial Service	Luke Meyers	402-879-3006	402-879-5852	N7979B – 500 N337MA - 500	Yes	122.925 (cell phone)
Rushville / Sheridan	All Nebraska counties	Johnson's Aero Ag Inc.	Doug Johnson	402-318-2258	308-327-2306	N41991 - 500 N6176Y – 800 N9996Y – 275 N2338Y - 300	Yes Therma-Gel	122.925
Scotia / Greeley	All Nebraska counties	Wells Air Service	Garry Wells	308-219-0096	308-245-4328	N6670K – 330 N29GW - 330	Yes	None
South Sioux City / Dakota	Dakota, Dixon	Sioux Air, Inc.	Eugene Martin	712-259-6026	402-494-3667	N3167T - 325 N8590S - 250	Yes	122.925
Superior / Nuckolls	Nuckolls, Webster	Meyers Aerial Service	Luke Meyers	402-879-3006	402-879-5852	630MA - 500 502KB - 500 282LA - 600	Yes	122.925 (cell phone)
Tekamah / Burt	All Nebraska counties	AgWerx Aviation Inc.	Tim Hauder	402-374-2178	402-618-0660	N602TJ - 600 N805KJ - 500	Yes	122.925
Wallace / Lincoln	All Nebraska counties	Wallace Aviation Inc.	Stuart & Lea VanBoening	308-387-4615	308-530-2945	135VA - 350 N3630B - 400 N3629D - 400	Yes	None
Pine Bluffs, WY	All Nebraska Counties	Airtime Aerial, LLC	Kevin Hefley	307-575-7088	303-815-9074	N331LB – 525 N9868P - 180	No	122.925

## USING CLASS A FOAM RETARDANT FROM THE AIR

**Mixing Directions:** The recommended mix ratio for this retardant is 0.5%. If you plan to add foam, fill the aircraft tank first and then add the foam concentrate. Some individuals recommend running the recirculation pump while en route to the fire to ensure proper mixing of the concentrate in the load. The following table shows how much foam concentrate to use for some common load sizes.

LOAD SIZE	FOAM	LOAD SIZE	FOAM
50 gallons	¼ gallon	450 gallons	2 ¼ gallons
100 gallons	½ gallon	500 gallons	2 ½ gallons
150 gallons	¾ gallons	550 gallons	2 ¾ gallons
200 gallons	1 gallon	600 gallons	3 gallons
250 gallons	1 ¼ gallons	650 gallons	3 ¼ gallons
300 gallons	1½ gallons	700 gallons	3 ½ gallons
350 gallons	1 ¾ gallons	750 gallons	3 ¾ gallons
400 gallons	2 gallons	800 gallons	4 gallons

**Application:** Class A Foam is a short-term retardant. Apply it no more than 15 minutes in advance of the fire. As it dries, its effectiveness diminishes. On the other hand, applying it too close to the fire has some disadvantages too. These disadvantages are smoke, turbulence and inadequate drain time. Drain time relates to the tendency of the foam to slowly drain water into the fuel it is covering. After just a few minutes of draining, the foam will thoroughly wet the fuel it has been applied to. In contrast, plain water applied from the air will only surface-coat the fuel and then run off into the soil.

Foam is applied by partially opening the quick-dump gate on the aircraft. This will string out the load and apply it in a strip about 25-50 feet wide and 1000 feet long (depending on tank size and altitude).

The optimum altitude for dropping foam is said to be 30 feet above the height of the fuels. Dropping from higher altitudes will result in lighter foam that drifts and is not wet enough. Dropping from lower altitudes results in less air in the foam mix. This will give a narrower band of “wet water” retardant and could result in “shadowing” of fuel being coated on just one side.

**Coordination:** Aerial retardant drops are most effective when coordinated with ground resources. Retardant drops do not put out wildfires. However, they do provide an opportunity for ground units to get in close and extinguish a fire that has been slowed and cooled by the airdrops. Communication plays a vital role in this unified effort.

For best results, fire departments and aerial applicators should meet and discuss coordination and communications in advance of the wildfire season. **If we wait until a fire is burning, there will be no opportunity for planning a coordinated effort.** There are several important questions that need to be answered at these meetings:

1. How will air/ground communications be handled?
2. Who will be responsible for getting foam to the loading site?
3. What do firefighters need to know about safety around the aircraft?
4. What equipment is needed to fill the aircraft?

**Precautions:** While the foam is far less corrosive than earlier additives, it is best to wash down the aircraft and flush the tank after using the foam. This product is a powerful wetting agent that will quickly soak through leather gloves and boots. Rubber boots and gloves are a good idea around the loading site, as are splash-proof goggles and first-aid eyewash solutions. Ground crews should also note that foam could cause slippery footing on certain surfaces.

## FOAM CACHE LOCATIONS

LOCATION	CONTACT	DAY PHONE	NIGHT PHONE
			<i>(if different from day)</i>
Alliance	Fire Dept.	308-762-2151	
Broken Bow	Fire Dept.	308-872-6424	
Chadron	Fire Dept.	308-432-5506	
Chappell	State Fire Marshal	308-279-1788	
Curtis	Fire Dept.	308-367-4300	
Gothenburg	Fire Dept.	308-537-3321	
Grant	Ag-Land Aviation	308-352-2220	
Holdrege	Fire Dept.	308-995-4409	
Imperial	Fire Dept.	308-882-4444	
Keystone-Lemoyne	Fire Dept.	308-726-5715	308-284-2011
North Loup	Fire Dept.	308-496-4361	
O'Neill	Fire Dept.	402-336-1955	
Oshkosh	Fire Dept.	308-772-3540	
Rushville	Fire Dept.	308-327-2401	
Scottsbluff	Airport	308-635-4941	308-631-1591
South Sioux	Sioux Air Inc.	402-494-3667	
Superior	Nuckolls Co.	402-225-2361	402-879-7522
Tekamah	Fire Dept.	402-374-2121	
Thedford	Fire Dept.	308-645-2200	
Wallace	Wallace Aviation	800-222-4662	308-387-4615

**NOTE:**

**If you are listed as a foam location and use the 10 gallons of foam that is provided to you for use in aerial application; contact the Nebraska Forest Service Fire Shop at 402-624-8061 for replacement of that foam. We will trade empty buckets for full ones.**

# QUICK REFERENCE

*(fill in blanks below)*

**NEBRASKA FOREST SERVICE**

**402-472-2944**

**NEBRASKA STATE PATROL**

**800-525-5555**

**NEMA**

**877-297-2368 / 402-471-7421**

**LOCAL EMERGENCY MANAGEMENT:**

\_\_\_\_\_

**CLOSEST AERIAL APPLICATOR(S):**

<b>NAME OF APPLICATOR</b>	<b>PHONE NUMBER</b>

<b>NOTIFICATION CHECKLIST</b>	<b>PERSON NOTIFIED</b>	<b>DATE</b>	<b>TIME</b>

# Deployment Procedures for the Nebraska Single Engine Aerial Tanker (SEAT)

The Wildfire Control Act of 2013 was passed by the Nebraska Unicameral and signed into law by Governor Heineman on June 3, 2013. This law tasks the Nebraska Forest Service (NFS) and Nebraska Emergency Management Agency (NEMA) to jointly contract for and manage a single engine air tanker (SEAT) to be based in Nebraska. To ensure rapid, efficient support for active wildfire incidents, the following procedures will guide requests for the resource.

## GUIDELINES

1. A SEAT is an appropriate response to wildfires burning out of control in forested lands or threatening forested land and/or structures.
2. Incident commanders should request the closest resource whenever possible.
3. The following information is required by Great Plains Dispatch Center (GPC) to initiate a SEAT dispatch. These items should be determined prior to initiating the request:
  - a. Latitude and longitude of the fire (preferably the point of origin) and the jurisdiction, if known.
  - b. Radio frequency that will be used for air-to-ground communications (AG25, any VTAC/VFIRE designated for air-to-ground communications only).
  - c. Name and location of the ground contact (individual or resource) responsible communications and directing retardant drops. This person needs to be on the fire.
  - d. Name of person relaying the request and callback number.
4. The following ICS forms will be completed by the requesting agency/fire department and returned to NEMA and NFS within **1 – 2 weeks** of the incident initiation. ***These forms are needed by the Governor’s Emergency Fund (GEF) for fiduciary and audit requirements. If you have any questions about filling out these documents, please contact NEMA at 402-471-7421.***

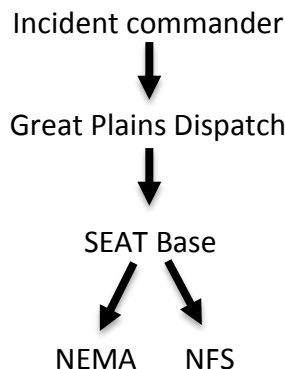
See form examples on the following pages. Forms are available electronically at [nfs.unl.edu/fire-aviation](http://nfs.unl.edu/fire-aviation).

- a. ICS 213RR Resource Request Message – page 15
- b. ICS 214 Unit Log capturing major events during aviation operations – page 16
- c. ICS 209 Incident Status Summary – pages 17-19

## REQUEST PROCEDURES – UPDATED FOR 2016

To facilitate faster response and support for active wildfire incidents, beginning this year, the procedures to order a SEAT are:

1. The initial request to launch the SEAT will be made directly to GPC at **(605) 399-3160**. Ask for the **Aircraft desk**.
2. GPC will make contact with NEMA and the appropriate SEAT base to initiate the response.
3. NEMA will contact the local emergency manager.









### Incident Status Summary (ICS-209)

1: Date	2: Time	3: Initial	Update	Final	4: Incident Number	5: Incident Name		
6: Incident Kind/Strategy		7: Start Date Time		8: Cause	9: Incident Commander	10: Incident Command Organization		11: State-Unit
12: County	13: Latitude and Longitude Lat: Long: Ownership at Origin:			14: Short Location Description (in reference to nearest town):				
15: Size/Area Involved	16: % Contained or MMA	17: Expected Containment Date:		18: Line to Build	19: Estimated Costs to Date	20: Declared Controlled Date: Time:		
21: Injuries this Reporting Period:		22: Injuries to Date:	23: Fatalities	24: Structure Information				
				Type of Structure	# Threatened	# Damaged	# Destroyed	
25: Threat to Human Life/Safety: Evacuation(s) in progress ---- No evacuation(s) imminent -- Potential future threat ----- No likely threat -----				Residence				
				Commercial Property				
				Outbuilding/Other				
26: Projected incident movement/spread in 12, 24, 48 and 72 hour time frames:								
12 hours:								
24 hours:								
48 hours:								
72 hours:								
27: Values at Risk: include communities, critical infrastructure, natural and cultural resources in 12, 24, 48 and 72 hour time frames:								
12 hours:								
24 hours:								
48 hours:								
72 hours:								
28: Critical Resource Needs (amount, type, kind, and number of operational periods in priority order in 12, 24, 48 and 72 hour time frames): <b>ex. 3 CRW1 (4); 1 HEL1 (5);</b>								
12 hours								
24 hours:								
48 hours:								
72 hours:								

29: Major problems and concerns (control problems, social/political/economic concerns or impacts, etc.) Relate critical resources needs identified above to the Incident Action Plan.

30: Observed Weather for current operational period:

Wind Direction:                      Wind Speed (mph):                      Peak Gusts:  
Max. Temperature:                      Min. Relative Humidity:

31: Fuels/Materials Involved: A drop down box with the 13 Fire Behavior Fuel Models has been added. The incident would select the predominant fuel model with the option to include additional fuels information in the text box.

32: Today's observed fire behavior (leave blank for non-fire events):

33: Significant events today (closures, evacuations, significant progress made, etc.):

34: Forecasted Weather for next operational period:

Wind Speed (mph):                      Temperature:  
Wind Direction:                      Relative Humidity:

35: Estimated Control  
Date and Time:

36: Projected Final Size:

37: Estimated Final Cost:

38: Actions planned for next operational period:

39: For fire incidents, describe resistance to control in terms of:

1. Growth Potential -

2. Difficulty of Terrain -

40: Given the current constraints, when will the chosen management strategy succeed?

41: Projected demobilization start date:

42: Remarks:



