

# Great Plains Interagency Dispatch Center 2018 Annual Report





**8123 Mt Rushmore Road  
Rapid City, SD  
605-399-3160**



## **2018 overview for GPC**

**2018 was an interesting year in the GPC Zone. We had a few good sized fires, starting off with the Bear Butte fire in January. Cheyenne River Agency had a 500 acre fire, Abear, and then we had the Vineyard fire by Hot Springs to make things exciting and also the Wall Canyon fire south of Hot Springs. We had a few other fires with the Vineyard being the one that we ordered a T-2 team for but were cancelled before they took over.**

**Dispatch spent most of our efforts sending resources out of zone all year. Teams were constantly going out, engines and crews and overhead kept getting orders. The comment in dispatch by our acting Asst. Center Manager was that GPC was a mini GACC with all the orders we were doing.**

**We did have our Annual Medevac Training again in early summer on two separate days. Black Hills Life Flight participated in both days with one training at GPC and Mystic and the second one at Wind Cave National Park.**

**Our center had people moving in and mostly out on assignments all summer long as well. Henry Ramirez came up from Nevada and was our Acting Assistant Center Manager for a 120 day detail. Matt Karges, Lily Hufmann, and Melody Rothleutner all went out twice on assignments. Michael Steffen, AJ Schaeftbauer and Andy Solvie also went out for one assignment each. Paul Reiter, Terry Tompkins and Chris Roseland were the palace guards that stuck around and kept things running back at Great Plains Dispatch.**



# GREAT PLAINS INTERAGENCY DISPATCH CENTER 2018 YEAR END REPORT

## Great Plains Interagency Dispatch Center 2018 Cost Share

Funding Source	Funding
Black Hills NF	\$311,188
Nebraska NF	\$38,700
Bureau of Land Management – SD	\$8,000
Bureau of Land Management - WY	\$8,000
Fish & Wildlife Service	\$10,225
National Park Service	\$30,000
Nebraska State	\$12,000
South Dakota State	\$134,023
Bureau of Indian Affairs	\$80,077
Wyoming State	\$3,000
<b>TOTAL</b>	<b>\$635,213</b>



**FIRES AND ACRES BY CAUSE PER UNIT AS REPORTED TO GREAT PLAINS FOR THE  
REGIONAL AND NATIONAL SITUATION REPORTS**

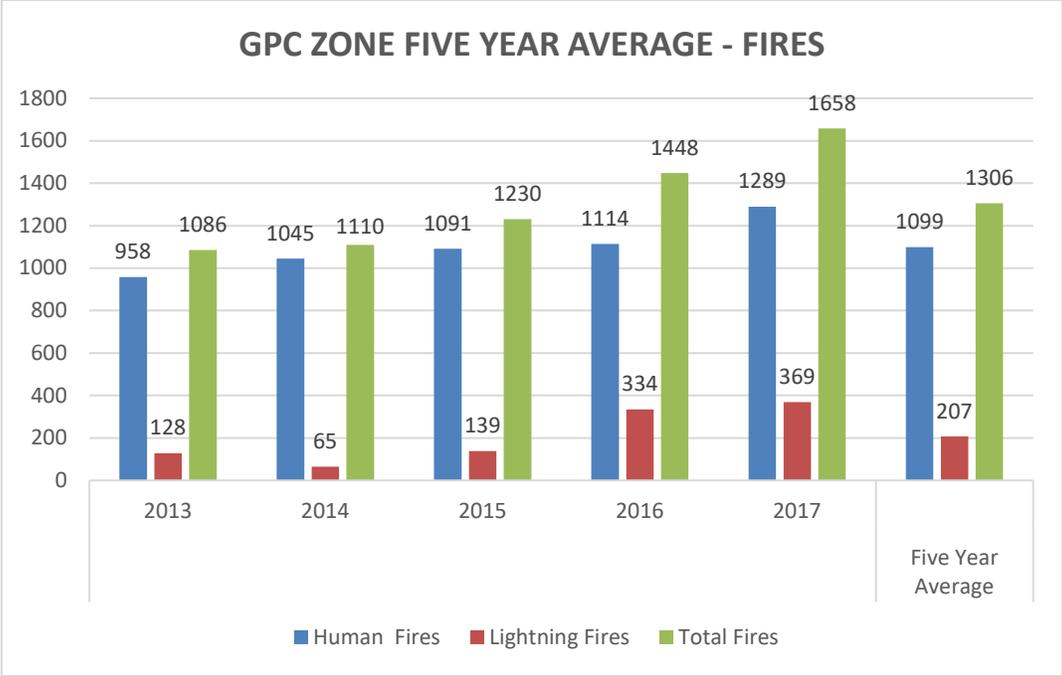
OWNERSHIP		HUMAN		LIGHTNING		TOTAL		PRESCRIBED FIRE	
AGENCY	State/Unit	FIRES	ACRES	FIRES	ACRES	FIRES	ACRES	FIRES	ACRES
SD-GPA	ND-SRA	48	842.87	3	61.78	51	904.65	8	679.00
SD-GPA	NE-WIA	21	73.00	0	0.00	21	73.00	2	1740.00
SD-GPA	SD-CCA	17	9.00	0	0.00	17	9.00	1	9.00
SD-GPA	SD-CRA	2	532.00	0	0	2	532.00	15	1200.30
SD-GPA	SD-FSA	0	0.00	0	0.00	0	0.00	0	0.00
SD-GPA	SD-LBA	10	32.00	0	0.00	10	32.00	10	32.00
SD-GPA	SD-PRA	124	696.10	4	25.20	128	721.30	15	1352.03
SD-GPA	SD-RBA	0	0.00	0	0.00	0	0.00	3	6.50
SD-GPA	SD-SIA	0	0.00	0	0.00	0	0.00	0	0.00
SD-GPA	SD-YAA	0	0.00	0	0.00	0	0.00	1	35.00
<b>TOTALS</b>		<b>222</b>	<b>2184.97</b>	<b>7</b>	<b>86.98</b>	<b>229</b>	<b>2271.95</b>	<b>43</b>	<b>5053.83</b>
SD BLM	SD-SDD	0	6.60	0	0.00	0	6.60	7	410.00
WY BLM	WY-NCD	0	0.00	2	99.50	2	99.50	0	0.00
<b>TOTALS</b>		<b>0</b>	<b>6.60</b>	<b>2</b>	<b>99.50</b>	<b>2</b>	<b>106.1</b>	<b>7</b>	<b>410.00</b>
WY-CTY	WY-CRX	2	0.88	4	8.00	6	8.88	0	0.00
WY-CTY	WY-WEX	1	0.10	0	0.00	1	0.10	0	0.00
NE-NES	NE-NES	4	23.50	2	980.30	6	1003.80	1	1347.00
SD-SDS	SD-SDS	193	2999.44	42	583.30	235	3582.74	72	7448.30
WY-WYS	WY-WYS	0	0.00	0	0.00	0	0.00	0	0.00
<b>TOTALS</b>		<b>200</b>	<b>3023.92</b>	<b>48</b>	<b>4040.13</b>	<b>248</b>	<b>4595.52</b>	<b>73</b>	<b>8795.30</b>
NE-NBF	NE-NBF	4	6.47	2	4.85	6	11.32	15	9825.80
SD-BKF	SD-BKF	17	99.21	19	10.93	36	110.14	56	33669.00
<b>TOTALS</b>		<b>21</b>	<b>105.68</b>	<b>21</b>	<b>15.78</b>	<b>42</b>	<b>121.46</b>	<b>71</b>	<b>43494.80</b>
CO-R6R	NE-CLR	0	0.00	0	0.00	0	0.00	0	0.00
CO-R6R	NE-FNR	0	0.00	0	0.00	0	0.00	0	0.00
CO-R6R	NE-RBR	1	5.00	0	0.00	1	5.00	11	3612.50
CO-R6R	NE-VAR	0	0.00	0	0.00	0	0.00	1	5378.00
CO-R6R	SD-HUR	0	0.00	0	0.00	0	0.00	0	0.00
CO-R6R	SD-KMR	0	0.00	0	0.00	0	0.00	0	0.00
CO-R6R	SD-LAR	0	0.00	0	0.00	0	0.00	2	100.00

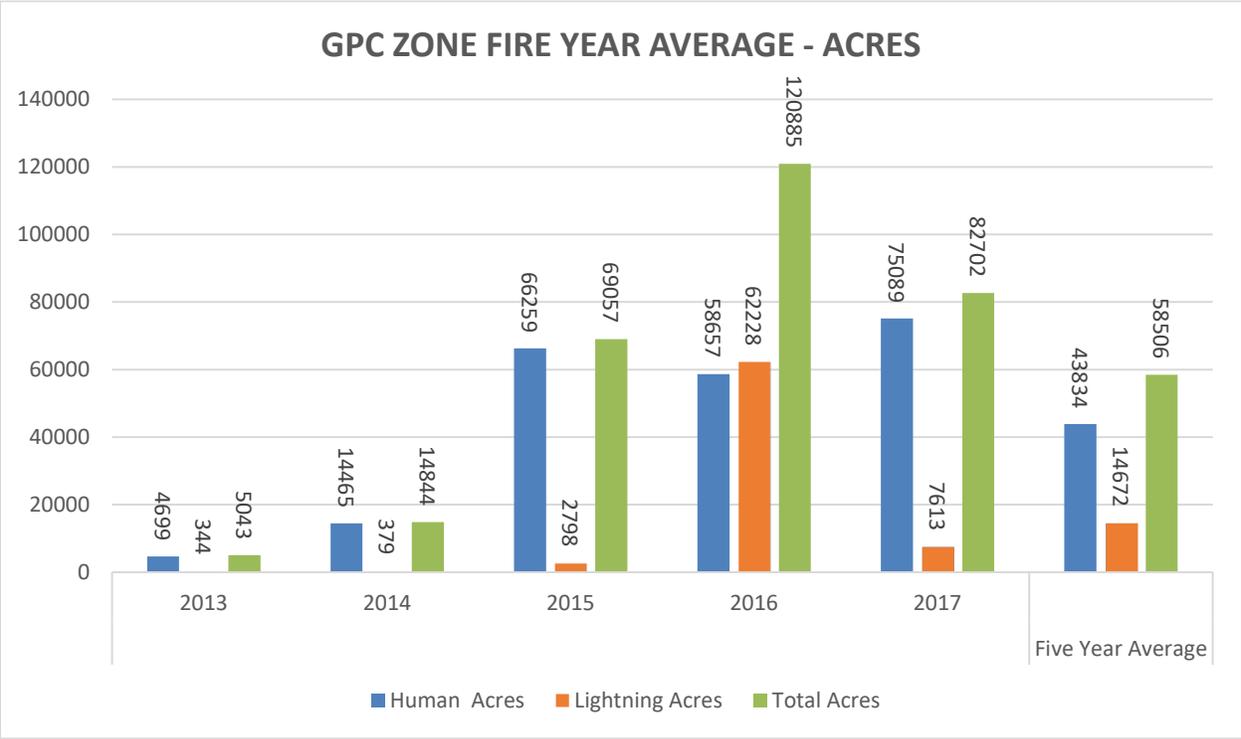
CO-R6R	SD-LCR	0	0.00	0	0.00	0	0.00	1	1317.00
CO-R6R	SD-MDR	0	0.00	0	0.00	0	0.00	0	0.00
CO-R6R	SD-SLR	0	0.00	0	0.00	2	0.00	0	0.00
CO-R6R	SD-WAR	0	0.00	0	0.00	0	0.00	1	1.0
<b>TOTALS</b>		<b>1</b>	<b>5.00</b>	<b>0</b>	<b>0.00</b>	<b>1</b>	<b>5.00</b>	<b>16</b>	<b>10408.50</b>
NE-MWP	NE-AFP	0	0.00	0	0.00	0	0.00	0	0.00
NE-MWP	NE-HOP	0	0.00	0	0.00	0	0.00	0	0.00
NE-MWP	NE-SBP	2	6.95	0	0.00	2	6.95	2	6.95
NE-MWP	SD-BDP	0	0.00	2	3.15	2	3.15	3	1930.15
NE-MWP	SD-JCP	0	0.00	0	0.00	0	0.00	1	1.00
NE-MWP	SD-MOP	0	0.00	0	0.00	0	0.00	0	0.00
NE-MWP	SD-MRP	1	0.10	0	0.00	1	0.10	1	71.00
NE-MWP	SD-WCP	0	0.00	0	0.00	0	0.00	0	0.10
NE-MWP	WY-DTP	0	0.00	0	0.00	0	0.00	0	0.00
<b>TOTALS</b>		<b>3</b>	<b>7.05</b>	<b>2</b>	<b>3.15</b>	<b>5</b>	<b>10.20</b>	<b>7</b>	<b>1938.20</b>
SD-TNC	SD-PCI	0	0.00	0	0.00	0	0.00	0	0.00
NE-TNC	NE-NBRI	0	0.00	0	0.00	0	0.00	0	0.00
<b>TOTALS</b>		<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>
<b>GRAND TOTALS</b>		<b>447</b>	<b>5333.22</b>	<b>80</b>	<b>5807.76</b>	<b>327</b>	<b>7110.23</b>	<b>217</b>	<b>70100.63</b>

### Bureau of Land Management Information

As part of the annual operating plan between South Dakota Bureau of Land Management (SD-SDD) and the State of South Dakota Division of Wildland Fire (SD-SDS), all fire suppression activities are the responsibility of SD-SDS, therefore suppression information and numbers are lumped into the SD-SDS statistics. However, prescribed fire is not part of the agreement; therefore information given to Great Plains Dispatch for RX within the zone is posted on the GPC Situation Report.







## 2018 LARGE FIRE ACTIVITY

FireDate	IncidentName	Acres	Size Class	Cause	Cause Human	Latitude	Longitude	Order Num
04/11/18	Palamino CA	298	D	H	Debris Burning	41.87861	-100.1905	NE-NES-180178
01/27/18	Bear Butte	502	E	H	Debris Burning	44.48212	-103.4354	SD-SDS-180077
07/24/18	Abear	518	E	H	Miscellaneous	44.8417	-101.1309	SD-CRA-180424
08/26/18	Canning CA	365	E	H	Railroads	44.438	-100.0207	SD-SDS-180556
08/11/18	Vineyard	560	E	H	Undetermined	43.4146	-103.4487	SD-SDS-180510
04/29/18	Iroquois	150	C	H	Undetermined	44.5025	97.9552063	IQS182048
07/18/18	JULSON	100	D	L		43.941715	101.659159	IQS182124
04/28/18	Mogck	100	D	H	Debris Burning	43.24089	-97.57802	IQS182042
05/05/18	477	140	D	H	Undetermined	43.012274	-96.639369	IQS182059
05/25/18	Brian Meyer	200	D	L		45.21896	-96.64079	IQS182145
05/04/18	WCE Powerline Break	275	D	H	Misc.	44.14552	-104.12718	IQS185018
08/25/18	Hell	365	E	H	Misc.	44.452036	100.004831	IQS182202
07/24/18	Abear Creek Fire	517	E	H	Equipment	44.8333	-101.1169	FFMA189187
08/31/18	Hyde Fire	525.3	E	H	Equipment	45.93472	-100.93861	FFMA189281



# 2018 Great Plains Air Operations

## RAPID CITY TANKERBASE RETARDANT/WATER DELIVERED BY STATE AND AGENCY

### SOUTH DAKOTA

USFS/Black Hills NF	0		
State/All areas	33,731(Ret)	@\$5.38=	\$181,687.98
BIA/All areas	713(Ret)	@\$5.38 =	\$3,835.94
USNPS/All areas	0		

**TOTAL Retardant delivered 12 loads = 34,484 gallons**



## South Dakota National Guard Support

The annual Medevac field training, working with Black Hills Life Flight and interagency partners to train federal and state land management personnel on air medevac procedures was planned for late June. Both Central and South Zone Trainings went exceptionally well. SDNG was unavailable to help this year due to other commitments.

The partnership with the South Dakota National Guard, our land management agencies and Great Plains Dispatch Center has developed in such a way that it is more common than not that the SDNG is called on to work on fires in the Black Hills, in the initial stages. This year the SDNG flew on a few fires throughout the year.

2018 SDNG Totals:

10.4 hours Flight time.

46 total water drops.

17,068 gallons water applied to fires.

No retardant or foam recorded.



# Interagency Helicopter Program - H-357TA

Helibase Information			
<b>Forest/Unit</b>	Black Hills NF		
<b>Helibase Name:</b>	Custer	<b>Helibase Location:</b>	Custer
<b>Helitack Manager:</b>	Spring	<b>Phone Number:</b>	605-673-4892
		<b>Crew size:</b>	8

Helicopter Contract Information			
<b>Contract start date:</b>	6/12/2018	<b>Contract end date:</b>	9/24/2018
<b>Contract #:</b>	AG-024-B-C-16-9202	<b>Contract Length</b>	105
<b>Contract Type:</b>	EU	<b>Contractor Name:</b>	Trans Aero
<b>Helicopter Make/Model:</b>	AS350 B3	<b>Helicopter ICS Type:</b>	3
<b>Availability period:</b>	104.4	<b>Helicopter tail number:</b>	N357TA
<b>Daily Availability Rate:</b>	\$3,493.00	<b>Contract extension (Days):</b>	0.0
<b>Extended Avail. Rate:</b>	<b>Pilot:</b> \$46.00	<b>Hourly FLT rate Primary:</b>	\$1,237.61
	<b>Mech:</b> \$46.00	<b>Hourly FLT rate Secondary:</b>	\$1,244.61
	<b>Driver:</b> \$46.00	<b>Service Mileage Rate:</b>	\$3.14

**Operational Information**

Total Flight Hours		Operations		Cost Totals	
Total Flight Time:	170.6	Number of IA fires:	18	Availability:	\$364,769.00
Fire Management Flt:	161.2	Number of IA fires supported with bucket:	12	Hours Unavailable:	8
"Other" Non-Fire Flt:	1.1	Percent of IA fires supported with bucket:	67%	Flight time:	\$211,136.27
Non Revenue Flt:	0.0	Number of Extended Attack fires:	3	Service mileage:	\$14,663.80
<b>Agency Flight Hours</b>		Number of days on Extended Attack fires:	75	Vender perdium:	\$37,607.00
USFS Flt:	125.1	Gallons of water delivered:	79485	Special charges:	\$3,778.78
BLM Flt:	11.1	Number of passengers carried:	565	Ext. Avail. Pilot	\$15,548.00
NPS Flt:	0.0	Internal cargo weight carried:	35479	Ext. Avail. Mech	\$15,548.00
FWS Flt:	0.0	External cargo weight carried:	2620	Ext. Avail. Driver	\$10,718.00
BIA Flt:	0.0	Number of training cargo let-downs:	0		
State Flt:	9.2	Number of operational cargo let-downs:	0		
Military Flt:	0.0	Number of training rappels	0	<b>GRAND TOTAL FOR THIS YEAR</b>	
		Number of operational rappels	0		
		Number of training short-hauls	0	<b>\$673,768.85</b>	
		Number of operational short-hauls	0		
		Number of Search & Rescues	0		
		Number of Hover-Steps	0		

# Bureau of Indian Affairs

## SEAT DAILY OPERATIONS WORKSHEET

Date: **9/12/18** SEAT Manager: **Gary VandenBos** Location: **PIR** Sunset + 30 = **1829**

T **435** N#: **602DM** Make/Model **AT-602** Vendor: **AERO SEAT**

Contract Type **Exclusive Use** Task Order # \_\_\_\_\_ Availability Rate \$ **2,720** Flight Rate \$ **2,500**

Crew:	On Duty	Off Duty	Total Hr.	Ext. (+9)
Pilot Name: Jason Robinson	1000	2000	10	1
Driver Name: Todd Query	1000	2000	10	1

**SEAT LOG:**

#	From	To	Start	Stop	Min 100th	FT	Mission Code	Gallons	Refact Reading	Fire Code	Benefiting Agency	Benefiting Unit ID
1	PIR	PIR	1637	1759	1:22 1.37	1.37	33F	500	13	L4ZA	BIA	
2	PIR	PIR	1759	1931	1:32 1.53	1.53	33F	550	13	L4ZA	BIA	
3					/							
4					/							
5					/							
6					/							
7					/							
8					/							
9					/							
10					/							
11					/							
12					/							

Mission codes: **(60F)** Ferry Flight **(30F)** Aerial Application Water Dropping **(70F)** Mission Currency Flight **(80F)** Maintenance Flight non revenue

Mission codes: **(31F)** Aerial Application Foam Dropping **(32F)** Aerial Application Gel Dropping **(33F)** Aerial Application Retardant Dropping

### DAILY DIARY:

Items covered in daily briefing:

Aircraft Status: *(Maintenance Performed or reasons for any unavailability.)*

Narrative Report: *(Include problems encountered, office visits or inspection, SAFECOMs submitted, etc)*

Costs				Hrs UA	0.00	Availability				
Unit		Rate	Total Unit Cost	0.00		1.00				
Availability	1.00	Day	\$ 2,720	\$ 2,720.00	<b>Flight Time</b>		<b>Sorties</b>		<b>Gallons by Agency</b>	
Flight Time	2.90	Per Hour	\$ 2,500	\$ 7,250.00	USFS	0.00	USFS	0	USFS	0
Ext Stdby Pilot	1	Per Hour	\$ 55	\$ 55.00	BLM	0.00	BLM	0	BLM	0
Ext Stdby Driver	1	Per Hour	\$ 45	\$ 45.00	NPS	0.00	NPS	0	NPS	0
Additional FSV Retardant Labor		Day	\$ 500	\$ -	BIA	2.90	BIA	2	BIA	1050
FSSV mileage	30	Mile	\$2.45	\$ 73.50	FWS	0.00	FWS	0	FWS	0
LC-95A	1050	Gal.	\$2.71	\$ 2,845.50	STATE	0.00	STATE	0	STATE	0
Per Diem	2	SC Rate	\$ 195	\$ 390.00						
<b>Retardant Costs</b>										
<b>Total Cost</b>			<b>\$ 13,379.00</b>		<b>Ttl FLT Time</b>		<b>Ttl # Sorties</b>		<b>Total Gallons</b>	
SEAT Manager Name: (Print)			Phone:							
Gary VandenBos			605 680 1119		<b>2.90</b>		<b>2</b>		<b>1,050</b>	



# **T-875 sponsored by Nebraska Emergency Management and Nebraska State Forestry**

T875  
Nebraska Exclusive Use  
2018

Bach- 7/23/18, Nebraska Private Land, NES 180416, PN L1BX, 2 Sorties, .93 Flight hours

Antelope- 7/24/18, Nebraska Private Land, NES 180421, PN L1DO, 1 Sortie, .48 Flight hours

Abear- 7/24/18, Cheyenne River BIA, SD, CRA 180424, PN L1ED, 2 Sorties, 4.62 Flight hours

Vineyard- 8/11/18, South Dakota State, SDS-180510, PN C25P, 4 Sorties, 3.30 Flight hours

Vineyard- 8/12/18, South Dakota State, SDS-180510, PN C25P, 14 Sorties, 6.75 Flight hours

Dorm- 8/18/18, Nebraska National Forest, NBF-180536, P2 L3P6 (0207), 2 Sorties, .88 flight hours

Wall Canyon- 8/27/18, South Dakota State, SDS-180564, PN L36J (1502), 6 Sorties, 3.38 Flight Hours

## Totals:

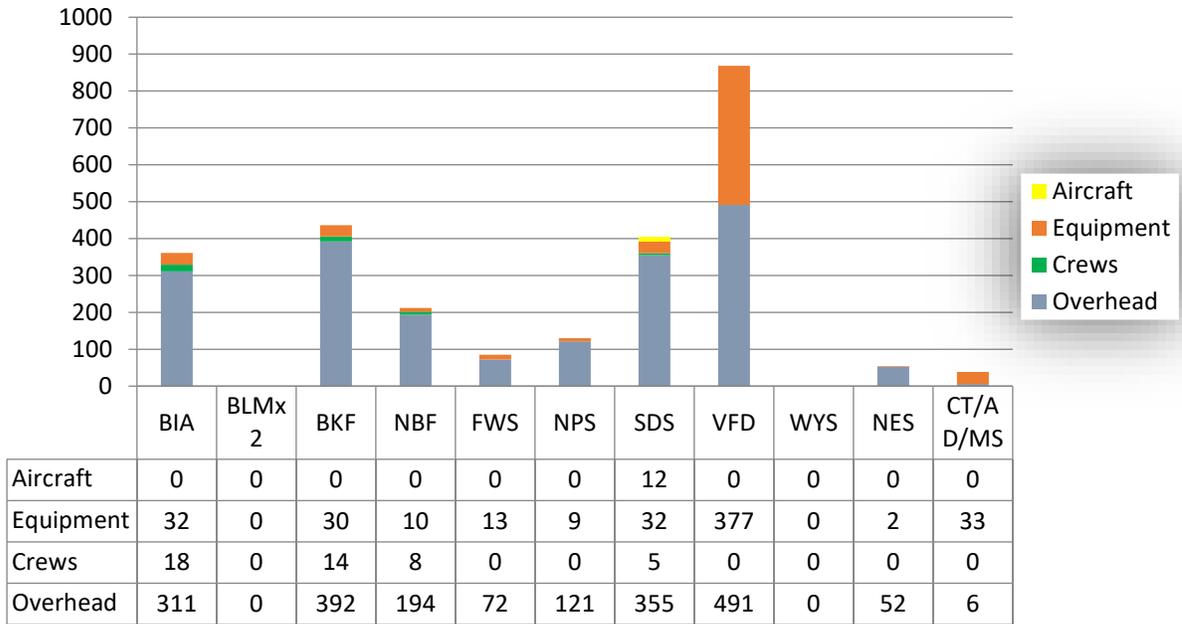
7 Incidents (6 if the 2 days of flying on Vineyard count as 1)  
31 Sorties  
20.34 Flight Hours flights for Chadron to SB and SB to Chadron).  
21,799 gallons loaded into T875  
10,296 gallons were loaded out of Chadron SEAT Base

## Training Flight:

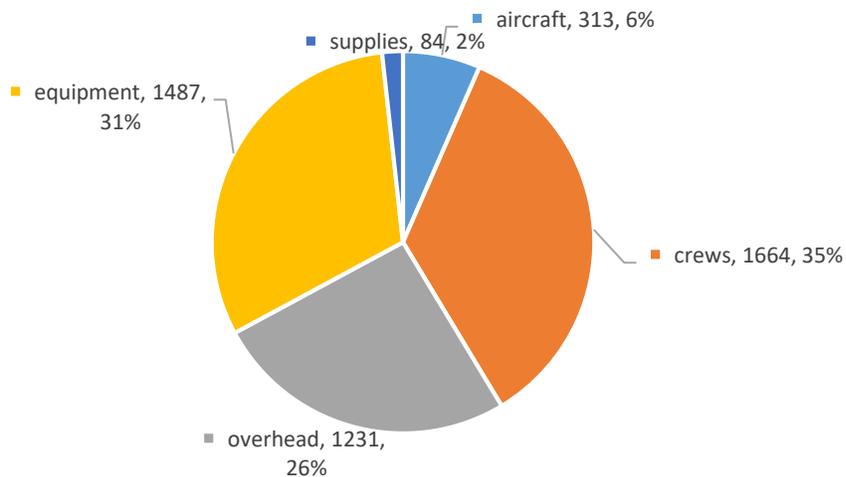
Engine Academy- 9/8/18, Nebraska Engine Academy, NE, 3 loads, 2.81 Flight Hours (including ferry flights for Chadron to SB and SB to Chadron).

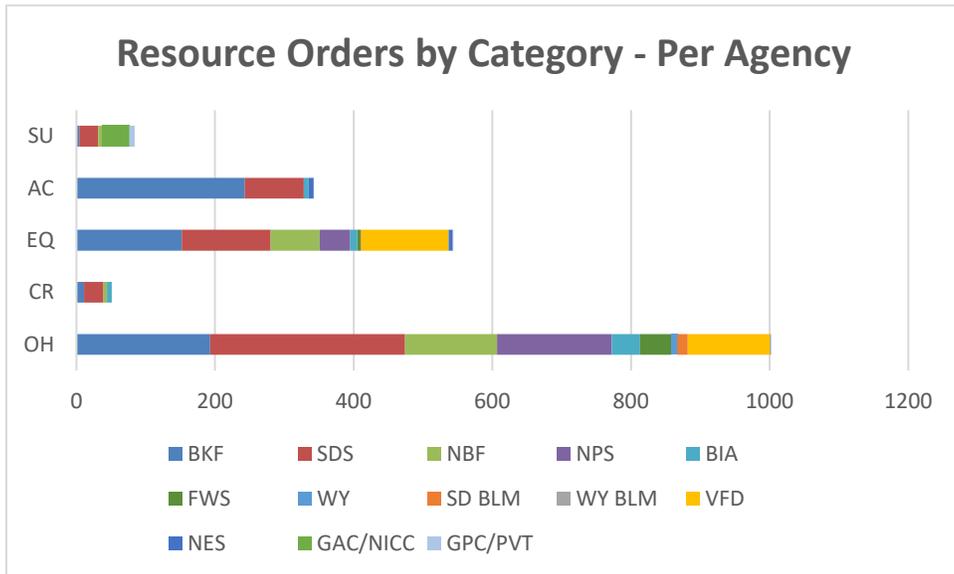
# Resource Management by GPC for 2018

## Resources Stated in ROSS



## 2018 Resources Ordered





<b>Resource Orders Filled by Agency 2018</b>					
	<b>OH</b>	<b>CR</b>	<b>EQ</b>	<b>AC</b>	<b>SU</b>
<b>BKF</b>	<b>193</b>	<b>11</b>	<b>152</b>	<b>243</b>	<b>4</b>
<b>SDS</b>	<b>281</b>	<b>28</b>	<b>128</b>	<b>85</b>	<b>27</b>
<b>NBF</b>	<b>133</b>	<b>5</b>	<b>71</b>	<b>0</b>	<b>6</b>
<b>NPS</b>	<b>165</b>	<b>0</b>	<b>44</b>	<b>0</b>	<b>0</b>
<b>BIA</b>	<b>41</b>	<b>7</b>	<b>10</b>	<b>7</b>	<b>0</b>
<b>FWS</b>	<b>45</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>
<b>WY</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SD BLM</b>	<b>15</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>WY BLM</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>VFD</b>	<b>119</b>	<b>0</b>	<b>126</b>	<b>0</b>	<b>0</b>
<b>NES</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>7</b>	<b>0</b>
<b>GAC/NICC</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>39</b>
<b>GPC/PVT</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>8</b>
<b>TOTAL</b>	<b>1002</b>	<b>51</b>	<b>544</b>	<b>342</b>	<b>84</b>