

# 2013 NORTHERN COLORADO HELITACK ANNUAL REPORT



2013

## Annual Summary Report

Summary of actions related to Northern Colorado Helitack Fire Season 2013. Includes Accomplishments, Incident Response, Personnel, Training, Qualifications, Cooperator Support, Cost, Flight Time, Maintenance tracking, and Vendor Information.

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# 2013 Northern Colorado Helitack Annual Report

## ANNUAL SUMMARY REPORT

### Organization:

The Northern Colorado Helitack Crew is in its “First Year” of existence. The Arapaho/Roosevelt National Forest (ARNF) has for many years attempted to form an Exclusive Use Helitack Module. This has been met with budget constraints and many other items that limited its creation. June, 2013 R-2 Fire and Aviation Management funded the availability costs for procurement of a 60 day Call When Needed aircraft. The ARNF was responsible for staffing and all other costs associated with managing this helicopter contract. The Helitack Program is directed by the Forest Fire Management Officer/ Forest Aviation Officer, Geoff Bell. Daily coordination of the Module was managed by the North Zone Fire Duty Officer including District Fire Management Officer, Grant Hamrick and Assistant District Fire Management Officer Chet Dieringer. Daily helicopter management and crew supervision was performed by Helicopter Manager, Scott Nutt. Crew staffing was supported by Zone Fire personnel and Cooperator Fire personnel including North Zone Fire (CLRD), South Zone Fire (BRD), West Zone Fire (SRD), Boulder City Fire Department, Boulder County Sheriffs Emergency Services, Lafayette Fire Department and Colorado Department of Fire Prevention and Control.

A key to the success of this Helicopter Program was the support from the many different Zone and Cooperator Fire Management Programs and should be recognized.

### Thanks to the Following Fire Management Organizations:

1. Fort Collins Interagency Dispatch Center – USFS Arapaho/Roosevelt NF
2. North Zone Fire Management – USFS Canyon Lakes Ranger District
3. South Zone Fire Management – USFS Boulder Ranger District
4. West Zone Fire Management – USFS Sulphur Ranger District
5. City of Boulder Fire Department – Wildland Division
6. Boulder County Sheriffs Office – Office of Emergency Management
7. Colorado Department of Fire Prevention and Control – State of Colorado





**Operational Mission Support**

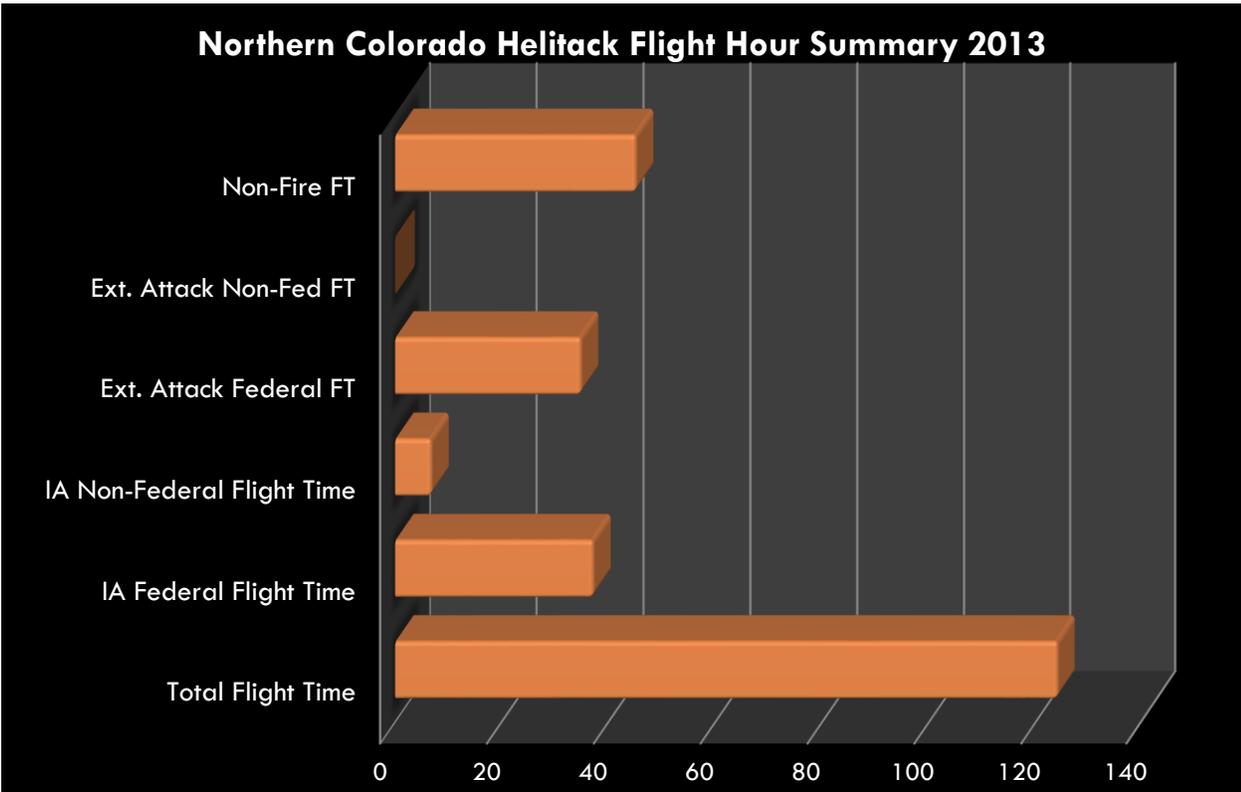
- Initial Attack
- Extended Attack/ Large Fire Support
- Reconnaissance, non fire
- Larimer County Flood Rescue and Relief
- Arapaho/Roosevelt NF Flood Assessment



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Date	Dispatch	Incident #	Incident Name	Operational Periods	Flight Time	Buckets	Slings	Recon Flights	Pax Flights
7/10/2013	10:38	CO-ARF-414	South Beaver Wildfire	0.3333	1.9	16			
7/10/2013	15:01	CO-ARF-416	Hell Canyon Wildfire	3.3333	7.4	12	4	2	
7/10/2013	15:01	CO-LRX-419	Pole Hill Wildfire	0.3333	2.1	6		1	
7/17/2013	9:45	CO-ARF-455	Smoke Report	0	0.9				
7/23/2013	09:01	WY-MBF-13106	West Battle Creek Wildfire	2	6.9	143	1	2	
7/27/2013	12:57	CO-BLX-511	Hall Wildfire	1	2.7	27			3
8/5/2013	08:01	CO-ARF-545	Chambers Fire	1	1.9	30			
8/6/2013	9:00	CO-RMP-217	Big Meadows Wildfire	1	1.5			1	
8/7/2013	7:00	CA-MDF-121	Modoc Support		6.8				1
8/9/2013	11:04	CA-MDF-570	Blue Lake Wildfire	0.5	0.7			1	
8/9/2013	12:00	CA-MDF-571	Smoke Report	0	0.5			1	
8/9/2013	15:41	CA-NOD-3435	R-1 Wildfire	0.5	1.5	12			
8/10/2013	07:34	CA-MDF-584	Shin Creek Wildfire	1	2.1	15			
8/12/2013	09:27	CA-MDF-604	Highgrade Wildfire	1	3.5	12		1	
8/15/2013	7:00	CA-SRF-1388	Butler Fire	8	19.9			8	
8/25/2013	9:40	CO-JEX-674	Blue Mountain Fire Wildfire	1	0.5			1	
8/25/2013	11:14	CO-ARF-675	Smoke Report	0	1			1	
8/26/2013	10:25	CO-RMP-217	Big Meadows Wildfire	0.5	1.1			1	1
8/26/2013	13:33	CO-ARF-688	Porter Ranch 2 Wildfire	0.5	0.9			1	
8/27/2013	13:52	CO-RMP-691	Smoke Check	0	0.8				
8/28/2013	6:10	CO-ARF-693	Moody Hill Wildfire	1	2.2	11			
8/29/2013	9:10	CO-FTC-749	S-271 Training	0	1.2	21		1	1
8/30/2013	16:49	CO-ARF-703	Smoke Check	0	0.7			1	
8/31/2013	11:08	CO-ARF-706	Smoke Check	0	1			1	
9/1/2013	16:51	CO-ARF-714	Crown Point Wildfire	2	2.2			2	1
9/3/2013	9:00	CO-ARF-217	Big Meadows Wildfire	0.25	2.3			1	2
9/3/2013	16:34	CO-ARF-733	Sulzer Gulch Wildfire	0.25	0.2			1	
9/3/2013	16:34	CO-LRX-732	Green Ridge Wildfire	0.25	0.2			1	
9/3/2013	17:33	CO-ARF-734	Cedar Creek Wildfire	0.25	0.2			1	
9/4/2013	12:16	CO-LRX-738	Smoke Check	0	0.6			1	
9/5/2013	12:18	CO-ARF-743	Sheep Mtn. Wildfire	1.3333	2.9	19		1	
9/5/2013	12:43	CO-LRX-744	Pine Creek Wildfire	0.3333	1.9	9		1	
9/5/2013	15:07	CO-ARF-747	Slaughterhouse Wildfire	0.3333	1.2	5		1	
9/6/2013	12:37	CO-PSF-990	Shemp Fire	0.5	4.4			1	1
9/6/2013	17:30	CO-LRX-756	Lone Pine Wildfire	1.25	2	4		1	1
9/7/2013	13:23	CO-FTC-746	Smoke Check	0.25	0			1	
9/12/2013	7:30	CO-LRX-773	Larimer County Flood	5	10.1			7	6
9/16/2013	10:13	CO-ARF-780	ARF Flood Assessment	10	14.9			9	
		<b>Totals</b>	<b>38 Incidents</b>	<b>45</b>	<b>112.8</b>	<b>342</b>	<b>5</b>	<b>53</b>	<b>17</b>

**Flight Time by Category**



Non Fire Flight Time (Reconnaissance, Flood Relief, Ferry Flights) = 45 hours

Extended Attack Non-Federal Flight Time = 0 hours

Extended Attack Federal Flight Time = 34.7 hours

Initial Attack (IA) Non-Federal Flight Time = 6.7 hours

Initial Attack (IA) Federal Flight Time = 37 hours

**Total Flight Time = 124 hours**

**Aircraft Cost and Logistical Totals**

<b>Cost Totals</b>	
Availability	
Non-Availability	
Non-Availability Hours	
Flight Time*	
Service Truck Miles	
Pilot ES	
Driver/Mechanic ES	
RON	
<b>Total Contract Cost</b>	

<b>Logistic Totals</b>	
Internal Cargo	13,300 Pounds
External Cargo	3325 Pounds
Number Buckets Initial Attack	342
Gallons Water/Retardant	36,599 Gallons
Passengers Transported	128 PAX

## **Training and Qualifications**

### **Training Courses Taught by crew:**

S-270 – Basic Air Operations – July 25-27, 2013 – 6 Students

S-271 – Interagency Helicopter Crewmember – July 27-30, 2013 – 15 Students

### **Training Courses Attended by crew:**

A-110 – Interagency Aviation Transportation of Hazardous Materials

A-101 – Aviation Safety

A-109 – Aviation Radio Use

A-203 – Basic Airspace

A-204 - Performance and Limitations

A-303 – Human Factors in Aviation

Load Calculation – Performance and Limitations, Instructed by Pilot

Aviation Weather Instructed by Pilot

Leadership in Cinema

Many STEX – Sand Table Exercise scenarios

## **Project Accomplishments**

3 Project Aviation Safety Plans (PASP) written and approved

- HECM Refresher Training Field Day PASP - Nutt
- HECM S-271 Field Day PASP - Nutt
- Flood Assessment Survey PASP - Whitesell

Helibase Maintenance

- Buck and Rail Fence Built

- Helipad painted Hi-Visibility
- Weather Station installation
- Wind Sock installation
- CLRD district work day clean-up
- General grounds maintenance
- Shutter repair and painting Fire Cache
- Fire Cache organization and inventory
- Shade/Picnic area for pilot and crew

#### Vehicle

- Chase truck bed rebuild and organization
- Daily preventative maintenance
- Monthly preventative maintenance
- Striping of chase truck and crew truck