

GTAC Update on NIROPS- Related Activities

2019 NIROPS Closeout Meeting

November 13, 2019



USDA Forest Service, Geospatial Technology and Applications
Center,

FSWeb: <http://fsweb.rsac.fs.fed.us>

WWW: <http://www.fs.fed.us/eng/rsac/>

Presentation Outline

- NIROPS Website and IR Online Ordering
- 2019 Aircraft3/Firehawk Support Summary



NIROPS Website 2019

NATIONAL INFRARED OPERATIONS

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NIROPS 3833 S Development Ave. Boise, ID 83705

NIROPS Website and IR Online Ordering

- Modifications for 2019 season (Users)
 - Added legend to describe IR request color coding scheme.

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● Type 1 ● Type 2 ● NIMO ● Type 3/Other

- The first page displayed after user login was switched to “Current Orders”. Previously it was “Requests”.

NATIONAL INFRARED OPERATIONS				
HOME ABOUT DOCUMENTS IMAGERY LINKS TRAINING IRIN AREA IR SCANNER ORDERS SOCIAL WORKSHOP CLOSEOUTS TFRSAC				
REQUESTS CURRENT ORDERS TOOLS USERS PROFILE LOGOUT				
Show Archived			Xml flight data for aircraft: King Air 149Z	
● Type 1 ● Type 2 ● NIMO ● Type 3/Other				
Incident Name (number)	IR Interpreter	Request Date (MDT)	Status	Options
<input type="checkbox"/> Cow Creek	Susan Stitt	2019-10-23 07:55:05	Awaiting Approval	options edit create new order
<input checked="" type="checkbox"/> DECKER	Susan Stitt	2019-10-22 10:16:05	Completed by King Air 149Z	options edit create new order
<input type="checkbox"/> Cow Creek	Susan Stitt	2019-10-22 08:52:37	UTF: weather	options edit create new order
<input checked="" type="checkbox"/> DECKER	Susan Stitt	2019-10-21 08:09:55	Completed by King Air 149Z	options edit create new order
<input checked="" type="checkbox"/> Cow Creek	Susan Stitt	2019-10-21 08:06:39	Completed by King Air 149Z	options edit create new order
<input type="checkbox"/> Cow Creek	Susan Stitt	2019-10-20 10:18:35	UTF: weather	options edit create new order
<input checked="" type="checkbox"/> Caples	Matt House	2019-10-20 09:55:33	Completed by King Air 149Z	options edit create new order
<input checked="" type="checkbox"/> DECKER	Susan Stitt	2019-10-19 12:30:54	Completed by King Air 149Z	options edit create new order
<input checked="" type="checkbox"/> Caples	Matt House	2019-10-19 12:09:16	Completed by King Air 149Z	options edit create new order
<input type="checkbox"/> Cow Creek	Susan Stitt	2019-10-19 09:02:09	UTF: weather	options edit create new order
<input checked="" type="checkbox"/> DECKER	Susan Stitt	2019-10-18 12:15:05	Completed by King Air 149Z	options edit create new order
<input checked="" type="checkbox"/> Caples	Matt House	2019-10-18 11:58:01	Completed by King Air 149Z	options edit create new order
<input checked="" type="checkbox"/> Cow Creek	Susan Stitt	2019-10-18 11:14:14	Completed by King Air 149Z	options edit create new order
<input checked="" type="checkbox"/> Cow Creek	Susan Stitt	2019-10-17 14:59:50	Completed by King Air 149Z	options edit create new order

NIROPS Website and IR Online Ordering

- Modifications for 2019 season (Admin)
 - As aircraft are assigned to fires, check boxes are color coded
 - Green: N149Z
 - Cyan: N144Z
 - Grey: Aircraft3, Contract IR

NATIONAL INFRARED OPERATIONS

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REQUESTS **CURRENT ORDERS** TOOLS USERS PROFILE LOGOUT

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King Air 149Z

☒ Type 1 ☒ Type 2 ☒ NIMO ☒ Type 3/Other

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NIROPS Website and IR Online Ordering

- Issues during 2019 season
 - Overall, Online Ordering has been stable through the fire season.
 - GeoMac perimeters not displaying in Google Map edit box
- Modifications for 2020 season?
 - Submit your requests soon so we can compile and prioritize a list for the web developer.



NIROPS Website Usage Summary for 2019

May 1 – November 4

- Items of interest:
 - 14,493 visits to the website; 5,578 unique visitors
 - 32 % of visits were from mobile devices
 - Tablets – 45 %
 - Smart Phones – 36 %

Year	Visits	Unique Visitors	Page Views	Smart Phone(%)	Tablet(%)
2019	14,493	5,578	217,614	36	45
2018	27,044	8,641	485,619	33	41
2017	27,898	7,025	523,926	29	46
2016	19,257	5,883	265,674	32	45
2015	20,651	5,077	356,541	12	10

Aircraft3 2019 Summary

- Overall it was a very quiet support season.
- Incident support started on July 16
 - Roberts Fire, NM
 - Latest support request since 2009
- Incident support ended on November 4
 - Maria Fire, CA
- 13 days of continuous support from August 19 – August 31.
- Support requests came from Alaska, Southwest, North and South Ops GACCs.



2019 Aircraft3/Firehawk Support (11/05/19)

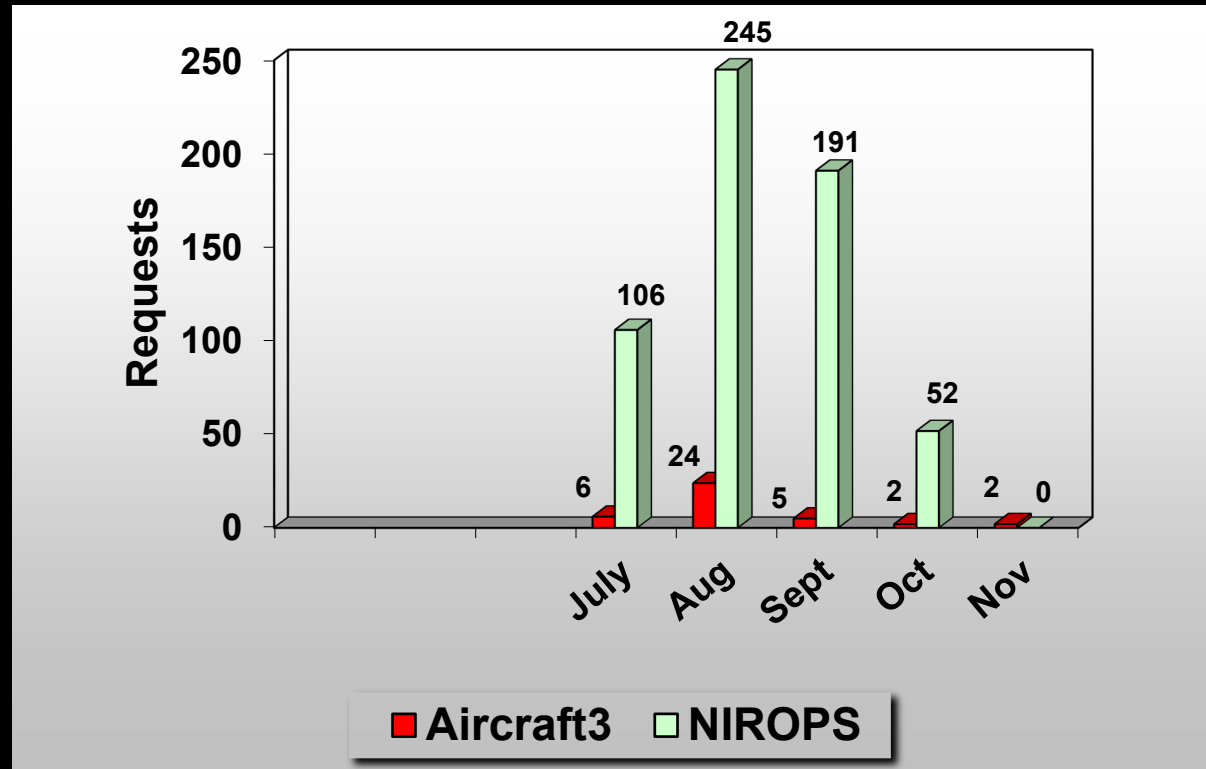
MONTH	NO. OF SUPPORT DAYS	NO. OF FIRES SUPPORTED	GACC(s) SUPPORTED
July	4	2	SW
August	14	3	AK
September	5	1	AK
October	2	1	NO
November	2	2	NO, SO
TOTAL	27		

Extended Support to Incidents

- Swan Lake (AK) – 19 nights
- Kincade (CA) – 4 nights
- Cellar (AZ) – 3 nights
- Roberts (NM) – 3 nights



Aircraft3 2019 Support to NIROPS

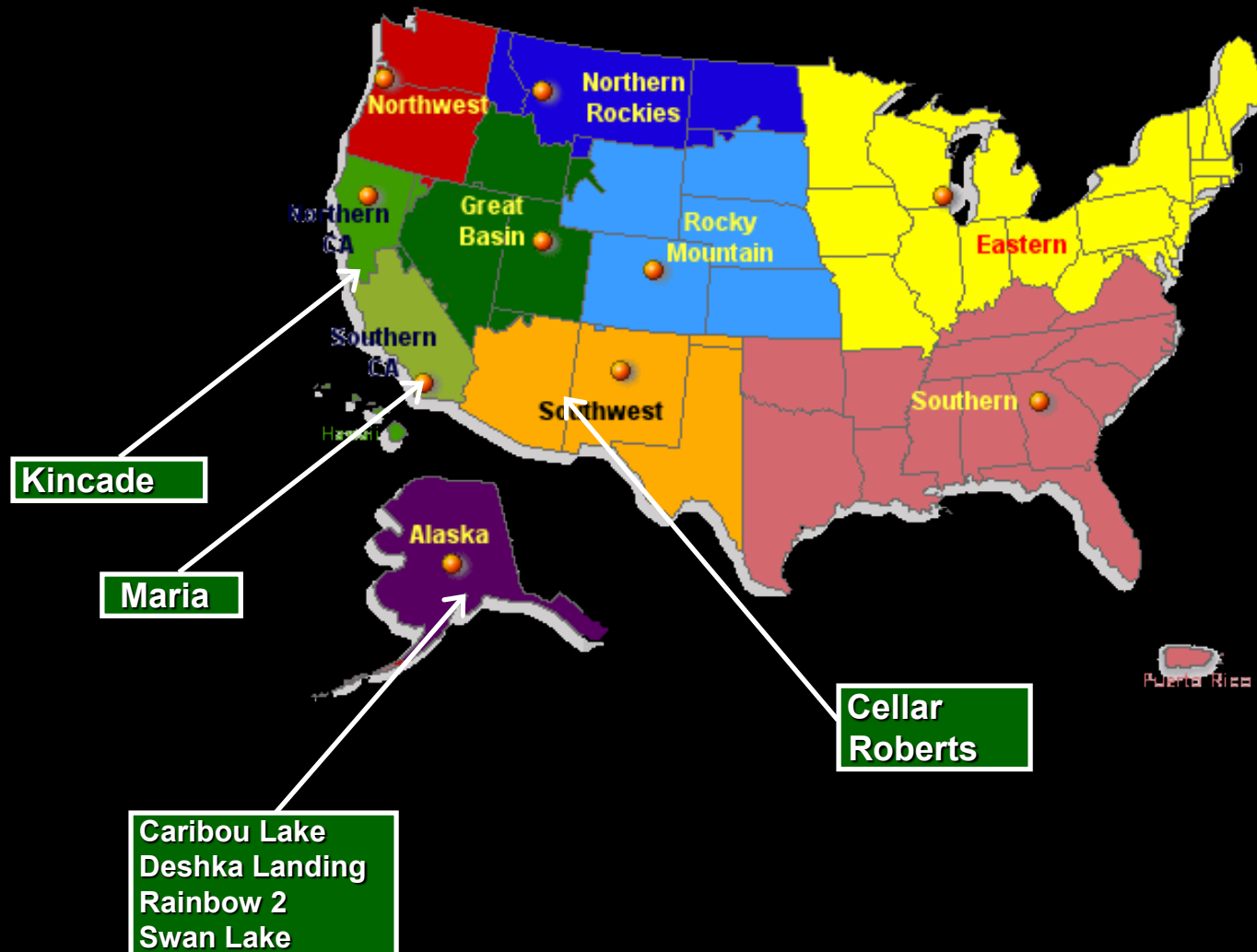


Jul: 5.7%
Aug: 9.8%
Sep: 2.6%
Oct: 3.8%
Nov: 100%

Through November 5, 2019

6.1 % of the IR requests (40 of 655) were assigned to Aircraft3
75 % of the assigned requests were completed by Aircraft3

Aircraft3 2019 GACC Support



Aircraft3 2019 GACC Support

Geographic Area	No. of Fires	No. of Support Requests	UTF-Weather	UTF-Tech. Issue	Acres ¹
AK	4	29	2	1	169,362
SW	2	5	0	3	8,404
NO	1	4	0	1	78,131
SO	1	1	0	0	10,891
TOTAL	8	39	2	4	266,788

(Through November 5, 2019)

1. Acres shown are from the last night of Aircraft3 support for the incident(s) in the GACC.



Thanks

Comments/Questions?

GTAC

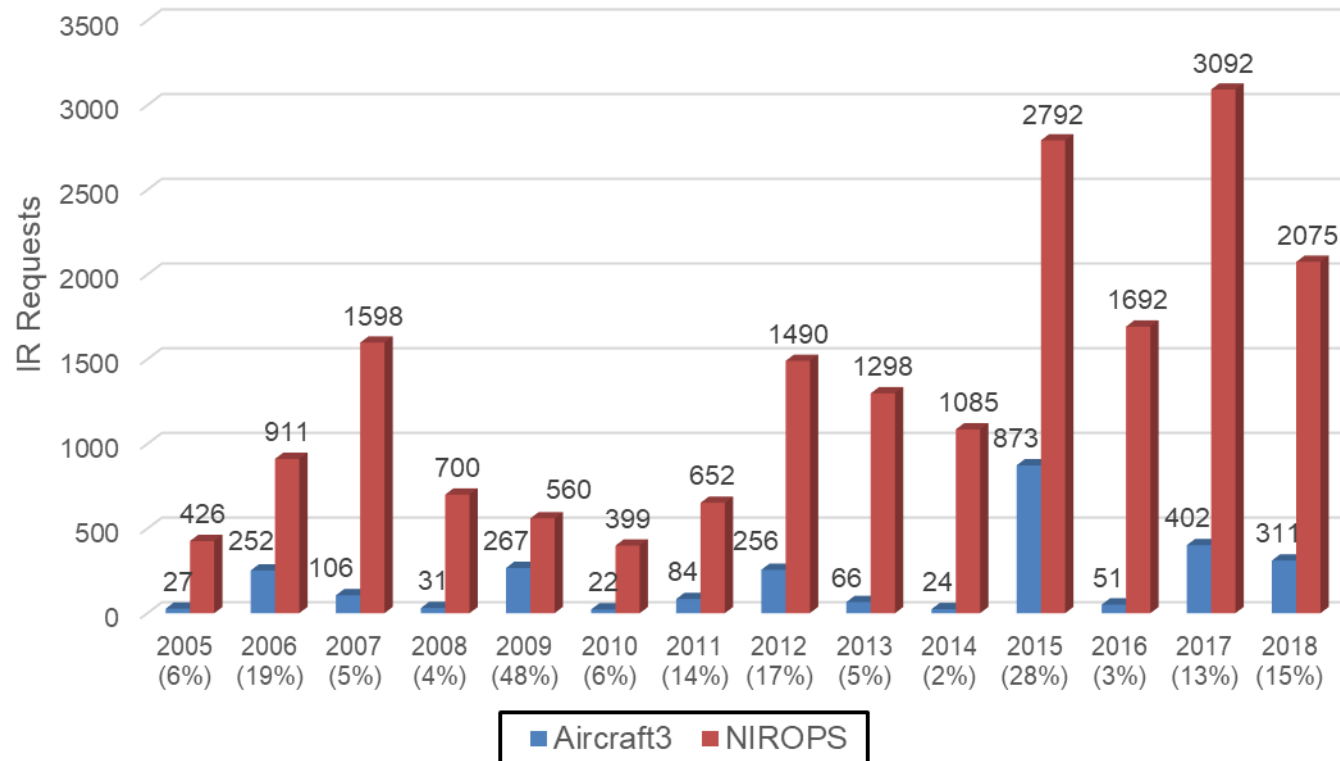


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Aircraft3/Firehawk & NIOPS IR Requests 2005 - 2018



Aircraft3 Activation: 2005 - 2019

YEAR	DATE
2005	May 17
2006	June 10
2007	May 6
2008	July 1
2009	July 15
2010	June 1
2011	May 4
2012	July 3
2013	June 23
2014	May 24
2015	June 24
2016	June 23
2017	April 25
2018	April 16
2019	July 16