

Boise, December

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Project Name: FireWatch

Project POC: Pacific Southwest Region, Phil Ketel, Phil Hawkins

Project Aviation Branch: R5 FAM, Airworthiness Branch WCF

Purpose/Objective: Research and development

- Technology enhanced aerial supervision platform
- Staffed with ATGS/DIVS/HLCO/ICT3
- Standardized products from GIS contractors





Current Operational status

2





Current Operational status

3



Cobra Helicopter



Mechanic Vehicle



GIS Data Van



Fuel Truck



Rover

F
I
R
E
W
A
T
C
H

Contact:

Phil Hawkins
(530) 215-7014
or
Walter Bunt
(530) 515-4016

FireWatch/
Aerial Supervi-
sion Program
Managers

EQUIPMENT

[FLIR Star Safire 380HDc \(2016\)](#)

[MAX-VIZ 2300 \(2017\)](#)

[Macro-Blue MFD \(2017\)](#)

[Aero Computer UC-6000 \(2017\)](#)

[Persistent Systems MPU5 \(2018\)](#)

[USFS assigned C Band Frequencies \(2004\)](#)

[3 Technisonic VHF FM Radios \(2010\)](#)

[3 Becker VHF AM Radios \(2017\)](#)

[1 GTN / 750 GPS \(2017\)](#)



Current deliverables

4



Enhanced Briefings

- Agency Administrator
- Plans/Situation Unit
- Operations
- Analyze growth
- Confirm Objectives



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✈.L N107Z
40°08.5384' N 123°03.7109' W
SPD 73 KTS HDG 345 °T
ALT 7199 FT

13°T
.....
N E

40°16.4597' N 123°01.3408' W
SPD 0 MPH HDG --- °T
ELV 4525 FT SLT 49450 FT

09/28/17
17:37:40

LRF TARGET
40°12.1140' N
123°04.1252' W
ELV 4539 FT
SLT 3812 FT



21963 FT
▽
LRF L INH RGN
•LP C INH RGN

HDEO
DDE
FOC MAN
EXP AUT

GEOPOINT
INS NAV 0.11°
TRK CEN
SLAVE READY

W 5100 FT



Boise, December

6

Project Name: NightWatch

Project POC: Pacific Southwest Region, NNAOSC

Project Aviation Branch: WO Aviation Operations, R5 FAM

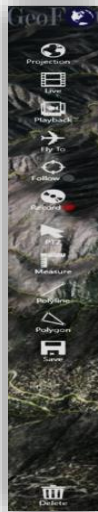
Purpose/Objective:

- Provide Aerial Supervision for agency aircraft during night flying missions in SOPS GACC.
- Provide Operational intelligence via radio communication and near real-time incident mapping and FMV.



Current Operational status

7



Projection Button
Live Button
Video Viewer
Playback Button
Fly To Button
Follow Button
Recording Button
PTZ Button
Measure Button
Polyline Button
Polygon Button
Save Button
Delete Button
Map Layers
Compass
Zoom
Pan
Tilt



Star SAFIRE® 380-HDc

Combined Systems offer

- Aerial Supervision
- Operational FMV
- Mapping



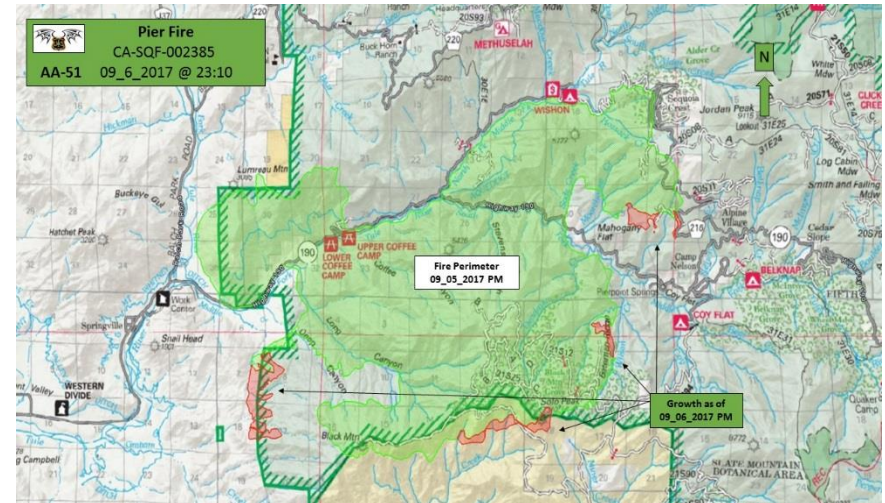
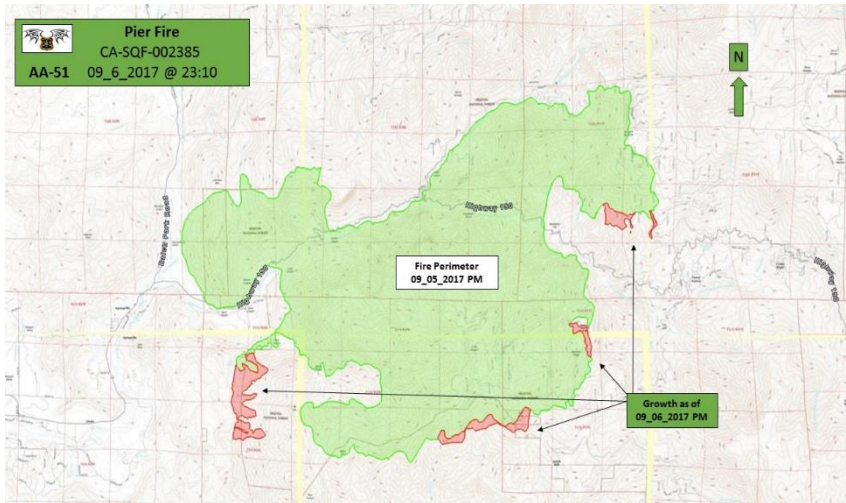
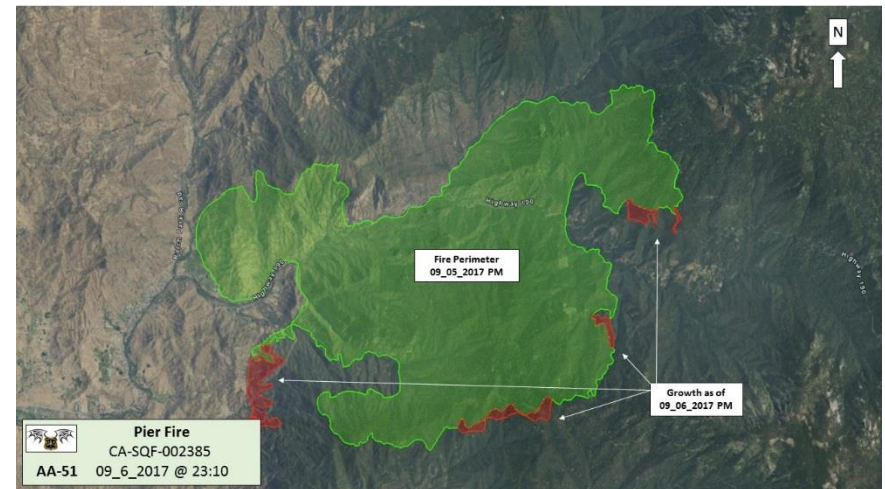


Current deliverables

8

New Fire / Fire Growth Mapping:

- JPEGS fire perimeter
- Shape File Data
- KMZ Fire Perimeter





9



10_06_2017 Lion.kmz

N



Lion Fire

CA-SQF-002753

AA-51 10_06_2017 @ 2000

9,450 acres



Current deliverables

10

