2014 INFRARED OPERATIONS REVIEW

PROVIDING SAFE, YEAR ROUND, ON DEMAND, IR RECONNAISSANCE
INFRARED OPERATIONS

January to November
FIRST FIRE FLOWN: 18 January; Colby, California
LAST FIRE FLOWN:
24 November; King, California
2014 IR TRIVIA

- States Flown in 1 Night: 5
- Most Fires/Complexes Flown in 1 Night: 23 (44Z)
- Largest Fire in WA History: Carlton 256,108 ac
- Longest Night Mission: 7.8 hours; 3 Fuel Stops (11x)
- Most Northern IR Operation: Northern Washington
- Most Southern IR Operation: Southern Arizona
- States Flown During This Fire Season: AZ, CA, CO, ID, MT, NM, OR, UT, WA, WY, NV
- 149Z and 144Z Flight Hours – 871 to date
Automated Flight Following History 44z
N144z

- Planned Maintenance
- Time remaining until phase 146.8
- 2015 Hourly rate $1710 per hour

Hobbs time between phase for CE550 150 hours.
Automated Flight Following History 49z
N149z

- Planned Maintenance
- Right engine overhaul
  - Time remaining on engine 68.4
  - Time remaining until phase 182.3
  - 2015 Hourly rate $1100 per hour

Hobbs time between phase for BE200 200 hours.
INFRARED PILOTS 2014

Dan Johnson Supervisor
08/2006
44Z & 49Z

EMPTY FTE Contractors
Pete Meyer 2014
120 days

EMPTY FTE Contractors
Jim Rozman 2014
90 days

Don Boyce
05/2008
44Z & 49Z

Ed Netcher
08/2012
49Z & 44Z

DEVELOPMENT PILOT
N149Z
Andre Mascheroni
120 days
What did we learn

- Staffing / Contracting: 2 pilots (90 days, 120 days)
  - Time consuming, difficult, 4 certs, 1 contractor late show due to availability; however, everyone pulled together to make it work
  - Training was accomplished and contractors were deployed within 10 days of arrival
  - Dan Roth and Karen Mark were outstanding in solving many, many pay & policy issues
What did we learn

- Developmental pilot
  - Second year detail pilot, minimal training
  - Valuable knowledge of Forest Service policy and procedures
  - Increased interest of new pilots year after year
  - Creating optional career ladders for firefighters
  - Continuing diversity of experience
  - Utilizing practical fire fighting experience
What did we learn

- System and Technology Advancements
  - Continued refinement of the product via electronics and software enhancements
  - Type 3 utilization more and more
  - NASA collaboration continuance
  - Expanding Ipad usage for safety and efficiency automation and situational awareness
Improvements / Focus Areas for 2015

- FTE(s) replacing contract pilots
  - Continuance of Pilot Developmental Program
  - System and technology Advancements
    - Phoenix System
    - Phoenix System Enhancements
  - Continued advancement of Ipad Utilization and Web access
  - Purchase of Night Vision Monocular’s for both aircraft
  - Remote access to Google Calendars, Crew and Aircraft Status
  - One charge code for 7 day coverage
Improvements / Focus Areas for 2015

- Early Season Mission Planning
  - 15 April FMC (crew and aircraft)
  - Keeping one aircraft FMC year round
Any Questions?