2012 INFRARED OPERATIONS REVIEW

Providing Safe and Efficient IR Reconnaissance.
2012 INFRARED OPERATIONS
March to November
FIRST FIRE FLOWN:
Lower North Fork Fire Colorado;
March 28
LAST FIRE FLOWN:
Vallecito Colorado; November 05-?
2012 IR TRIVIA:

- Number of Different States Flown in 1 Night: 4
- Number of Different Fires/Complexes Flown in 1 Night: 15
- Largest Fire White Water – Baldy / Mustang 273,441
- Longest Duration Flight 7.2 hours NM to UT
- Most Northern IR Operation: Washington
- Most Eastern IR Operation: Nebraska
- States Flown During 2012 Fire Season:
  - AZ, CA, CO, ID, MT, NB, ND, NM, OR, TX, UT, WA, WY,
- Total Combined Flight Hours – 1110
- Above Average Fire Season
2006 - 12 & Comparison filled:
Total Number 2012 (1196) (343)
2006 - 12 & Comparison Percentage filled:

IR requests Covered by 44z & 49z

- Filled
- UTF

2012 ORDERS:
Distribution per Aircraft

![Bar chart showing distribution of orders per aircraft in 2012]
N149Z 2012 STATISTICS
N149Z:
Hours Flown – 568
Total Aircraft Operating Cost - $568,700.00

2012 Aircraft Use

Aircraft Hourly Flight Rate 2012: $1000.00
Aircraft Hourly Flight Rate 2013 Projected: $1000.00
Automated Flight Following History 49z
March to November
N149Z:

- March 27, Scanner Install
- April 26 – May 18, Right Engine Hot Section
- July 03 – 04, Maintenance Phase
- August 10, Fuel Pump Failure
- August 14, Down Right Engine FCU
- August 22-24, Maintenance Phase
- September 17, Down Left Gyro & Tire Change
- September 20-21, Down for Right Gyro

Hobbs time between phase for BE200 200 hours.
N149Z:

- October 02-03-04-05, Maintenance Phase 4
- Scanner Removal November 02,
  - Grid Flight Check Boise to be Determined
- Time Remaining till next phase 180.7

Hobbs time between phase for BE200 200 hours.
N144Z:
Hours Flown – 538.2
Total Aircraft Operating Cost - $1,054,872.00

2012 Aircraft Use

Aircraft Hourly Flight Rate 2012: $1960.00
Aircraft Hourly Flight Rate 2013 Projected: $1850.00
Automated Flight Following History 44z
May to November
N144Z:

- November 09, 2011 Scanner Removed
- Engine Overhaul & Replacement
  - November 10, 2011 Engines Removed
  - November 17, 2011 Engines Shipped for Overhaul
  - April 20, 2012 Rebuilt Engines Reinstalled
  - April 30, 2012 Return to Service
- May 01, Scanner Install
  - Phoenix Calibration check flight BOI
  - May 02, dispatch Livermore Ranch Fire
- May 25, Mechanical
  - Battery replacement

Hobbs time between phase for C550 150 hours.
N144Z:

- June 27 thru July 01, Mechanical
  - Right Engine Oil Leak
- July 15, Left Starter Relay
- July 23, Mechanical
  - Radome Damage
  - Replacement installed returned to service July 24
- July 26, Mechanical
  - Anti Ice RTB Ogden
- July 30, Mechanical
  - Anti Ice RTB Ogden
  - July 31, Ice probe replaced

Hobbs time between phase for C550 150 hours.
N144Z:

- **August 09 - 10, Maintenance**  
  - Scheduled Phase 3 & 4
- **August 19, Mechanical**  
  - Aft Baggage Door / Landing Inspection
- **September 17-18-19- 20, Maintenance**  
  - Scheduled Phase 1 & 2  
  - Return to Service Delayed  Hydraulic Annunciator
- **September 25, Mechanical**  
  - Main Cabin Door / Landing Inspection

**Hobbs time between phase for C550 150 hours.**
N144Z:

- **September 30, Mechanical**
  - N1 Gauge Inop
  - Returned to Service October 02
- **Time Remaining until next inspection 61.7**
- **Scanner Removal November ???**
  - Grid flight check Boise

Hobbs time between phase for C550 150 hours.
Infrared Pilot Staff 2012

Dan Johnson
Supervisor
08/2005
44z & 49z

Wendi Powers
06/2006 – 10/2012
44z & 49z

Tim Braidy
04/2008
44z & 49z

Don Boyce
05/2008
44z & 49z

Ed Netcher
08/2012
49z

Contact Pilot
Dick Stefanski
07-09/2012
49z

Detail Pilot R6
Tony Sleznick
07-10/2012
49z

Detail Pilot R8
Steve Talick
06/2012 – 10/2012
49z
Infrared Pilot Staff 2013

Dan Johnson
Supervisor
08/2005
44z & 49z

New Hire
02/2013
Tim Braidy
04/2008
44z & 49z
Don Boyce
05/2008
44z & 49z
Ed Netcher
08/2012
49z
Contact Pilot
Dick Stefanski
49z
Detail Pilot
49z
Detail Pilot
Or Contract
49z
REVIEW ITEMS

- **Staffing:**
  - Pilot Staff
    - Wendi Powers Returned to Lead Plane R-5
    - 2013 Hiring / Contract
    - Detail Development Pilot
  - Pilot Schedule
    - [http://fsweb.r4.fs.fed.us/unit/fam/aviation/docs/IRCALENDAR.xls](http://fsweb.r4.fs.fed.us/unit/fam/aviation/docs/IRCALENDAR.xls)

- **IR Operations:**
  - Sensor Grid Boise
    - Planned flight 2012 / 2013
  - Additional Platform
    - WCF Aircraft
    - CWN Aircraft
Any Questions?