

FireSense Spring Campaign Plan for Sunday 4/13/25

Flight Date: 4/13/25

Science Targets:

- Fort Stewart Burn Plots F8.1, F8.2, F6.6, and F3.3 pre-burn survey
- Merritt Island National Wildlife Refuge units 9.1, 9.2 post-burn survey
- POC: Jen Fowler, Jackie Shuman, Harrison Raine
- Operations on the ground: None

N53W (AVIRIS-3)

Pilots: Caleb Wyatt and Raul Santana

Instrument operators: Holly Bender, Daniel Jensen

Altitude: 6k-8K ft MSL

10:30 CDT – Take off at ECP

12:30 EDT – Over Fort Stewart

13:45 EDT – Over Merritt Island

15:00 CDT – Landing at ECP

Track via Flight aware: <https://www.flightaware.com/live/flight/N53W> or [NASA Airborne Science Program Tracker](#) (select N53W and view map)

N801NA (MASTER and FireTIRS): No flights planned until 4/14/25

N8969Y (TACFI-RS): no flights planned for campaign until 4/14/25

Report Outlook for next 3 days

Monday 4/14/25

N53W, N801NA, N8969Y: prescribed burn flights over Fort Stewart

Tuesday 4/15/25

N53W, N801NA, N8969Y: no flights planned unless possible targets of collaboration are identified

Wednesday 4/16/25

N53W, N801NA, N8969Y: prescribed burn flights over Fort Stewart

FireSense Spring Campaign Plan for Monday 4/14/25

Flights:

Science Targets for all aircraft:

- Fort Stewart RX burn of units F8.1 and F8.2
- POC: Jen Fowler, Harrison Raine, Jackie Shuman
- Operations: coordinated airborne and ground sampling

N53W (AVIRIS-3)

Pilots: Caleb Wyatt and Raul Santana

Instrument operators: Holly Bender and Daniel Jensen

Altitude: 9,000 ft MSL

09:00 CDT – Take off at ECP

16:30 CDT – Landing at ECP

Track via flight aware: <https://www.flightaware.com/live/flight/N53W> or [NASA Airborne Science Program Tracker](#) (select N53W and view map)

Live data link: <https://popo.jpl.nasa.gov/mmgis-aviris/?mission=FireSense>

N801NA (MASTER and FireTIRS):

Pilots: Hernan Posada and Rob Koteskey

MASTER Instrument operators: Ted Hildum and Nikolas Gibson

FireTIRS Instrument operators: James Thompson, Joseph White

NBC news correspondent: Jacob Soboroff

Altitude: 6,500 ft MSL

09:00 CDT – Take off at ECP

16:30 CDT – Landing at ECP

Track via flight aware: <https://www.flightaware.com/live/flight/N801NA> or [NASA Airborne Science Program Tracker](#) (select N801NA and view map)

N8969Y (TACFI-RS): sensor checkout flight

Pilots: Steve Pollard

Instrument Operator: Luke Majors Altitude: 4,500 ft MSL

08:30 CDT – Take off at ECP

16:30 CDT – Landing at ECP

Link to TACFI- RS for Fort Stewart: <https://www.fsga.tacfirs.com/>

Ground Data Collection:

Science Targets:

- Atmospheric and micro-meteorology data collection
- POC: Ryan Wade
Live data link: <https://www.nsstc.uah.edu/data/mips/data/current/modls/sfc/>

Report Outlook for next 3 days

Tuesday 4/15/25

N53W, N801NA, N8969Y: no flights planned unless possible targets of collaboration are identified

Wednesday 4/16/25

N53W, N801NA, N8969Y: prescribed burn flights over Fort Stewart

Thursday 4/17/25

N53W, N801NA, N8969Y: no flights planned

FireSense Spring Campaign Plan for Wednesday 4/16/25

Morning Update 4/16/25

Out of an abundance of caution for safety, N53W will not be flying today and will be in maintenance. We commend the AVIRIS team and Dynamic Aviation crew for making safety a top priority in the face of the inherent enthusiasm to accomplish mission objectives.

Date: 4/16/25

Flights:

Science Targets for all aircraft:

- Fort Stewart RX burn of unit F6.6
- POC: Jen Fowler, Harrison Raine, Jackie Shuman
- Operations: coordinated airborne and ground sampling

N801NA (MASTER and FireTIRS):

Pilots: Hernan Posada and Rob Koteskey

MASTER Instrument operators: Ted Hildum and Nikolas Gibson

FireTIRS Instrument operators: James Thompson, Joseph White

Altitude: 6,500 ft MSL

08:00 CDT – Take off at ECP

16:30 CDT – Landing at ECP

Track via **flight** aware: <https://www.flightaware.com/live/flight/N801NA> or [NASA Airborne Science Program Tracker](#) (select N801NA and view map)

N8969Y (TACFI-RS):

Pilots: Steve Pollard

Instrument Operator: Luke Majors

Altitude: 4,500 ft MSL

08:00 CDT – Take off at ECP

16:30 CDT – Landing at ECP

Link to TACFI- RS for Fort Stewart: <https://www.fsga.tacfirs.com/>

Ground Data Collection:

Science Targets:

- Atmospheric and micro-meteorology data collection
 - POC: Ryan Wade
- Live data link: <https://www.nsstc.uah.edu/data/mips/data/current/modls/sfc/>

Report Outlook for next 3 days

Thursday 4/17/25

N53W, N801NA: no flights planned

N8969Y: Transit home

Friday 4/18/25

N53W, N801NA: prescribed burn flights over Fort Stewart or targets of collaboration with Alabama Forestry Commission or IAA program

Saturday 4/19/25

N53W, N801NA: no flights planned

FireSense Spring Campaign Plan for Friday 4/18/25

Flights:

Science Targets for all aircraft:

- Fort Stewart RX burn of unit F3.3
- POC: Jen Fowler, Harrison Raine, Jackie Shuman
- Operations: coordinated airborne and ground sampling

N53W (AVIRIS-3)

Pilots: Caleb Wyatt and Raul Santana

Instrument operators: Holly Bender and Daniel Jensen

Altitude: 9,000 ft MSL

08:00 CDT – Take off at ECP

16:30 CDT – Landing at ECP

Track via flight aware: <https://www.flightaware.com/live/flight/N53W> or [NASA Airborne Science Program Tracker](#) (select N53W and view map)

Live data link: <https://popo.jpl.nasa.gov/mmgis-aviris/?mission=FireSense>

N801NA (MASTER and FireTIRS):

Pilots: Hernan Posada and Tracy Phelps

MASTER Instrument operators: Nik Gibson

FireTIRS Instrument operators: James Thompson, Joseph White

Altitude: 6,500 ft MSL

08:00 CDT – Take off at ECP

16:30 CDT – Landing at ECP

Track via **flight** aware: <https://www.flightaware.com/live/flight/N801NA> or [NASA Airborne Science Program Tracker](#) (select N801NA and view map)

Report Outlook

Saturday 4/19/25

N53W transit to VA.

N801NA hard down day

Sunday 4/20/25

N801NA: Transit home