



REGION 8 / SOUTHERN AREA Mission Aviation Safety Plan (MASP)



Mission Project Name

Extended Attack- Aerial Ignition Operations

Forest-Refuge-Unit

National Forests in Florida

District-Unit

Apalachicola National Forest
Ocala National Forest
Osceola National Forest

Instructions

MASP Format

Region 8 MASP templates:

- Standardize format by aviation mission (i.e. Ecosystem Management, Aerial Ignition, etc.), Regional narrative, and risk assessments
- Are tiered to accept Forest and / or District supplements
- Optimize technology (i.e. QR codes)
- Streamline the signature process
- Are renewed / re-approved by calendar year (January 1 to December 31)

MASP templates are formatted as Word documents to accept Forest supplements. MASP's will be processed for signature in PDF format.

Policy and Compliance

- Compliance with the operational procedures outlined in the MASP is mandatory
- MASP Forest / District Supplement direction may be more restrictive, not less, than National / Regional policy and Regional parameters established in the MASP template
- Participant(s) qualifications will be verified and assigned responsibilities discussed during daily briefing(s)

MASP Review and Signature

MASP review and signature will follow the top to bottom progression as shown on the signature page. E-signature will be the primary endorsement method. All MASP's are routed through the assigned Zone Aviation Officer (ZAO) to the Regional Office. Line Officer approval is required in the MASP signature block location on the signature page. MASP's with incomplete signature pages or expired date are invalid.

Cooperator Review and Signature

If cooperator operations are being conducted, the appropriate signature must be included on the MASP. When cooperator operations do not apply, the cooperator signature block shall be marked as "Not Applicable" by the ZAO.

Forest / District Supplement Content

MASP Forest supplement must be completed prior to signature. The number of MASP supplements is commensurate with the number of Forests, Districts, Units, or Refuges. For example:

- If the MASP only applies to a Forest (i.e. Cherokee NF) then, only one Supplement is required
- If the MASP covers more than one Forest (i.e. National Forests of Florida) then additional sub-Forest supplements are required
- "Additional Local Mission" windows are available for Forest / District information entry
- The MASP template includes a general risk assessment for all helicopter operations mission subsets. A blank worksheet is available to refine the risk assessment for unique Forest / District or mission specific hazards

Supplement pages include:

- Mission Area Map(s)
- Flight Following and Frequencies
- MTRs and MOAs
- Medical Information for the Designated Area



R8 Southern Region Mission Aviation Safety Plan

Extended Attack- Aerial Ignition Operations

National Forests in Florida



Subsequent Pages

Prior to mission initiation and as information becomes available, Project Supervisors/Managers will complete subsequent pages:

- Risk Assessment Matrix
- Aircraft Performance Planning
- Personal Protective Equipment
- Aircraft Information
- Pilot information
- Crash Rescue/Medivac Plan
- Doors-Off or Doors-Open Operations (if needed)
- Additional page(s) if needed

Additional Pages (Examples):

- Go/No-Go Checklist
- Risk Assessments (DORA, GAR, FRAT)
- Hazardous Material Manifest Form (DOT SP 9198)
- PSD Organization Chart
- Any additional frequency changes, medical information, or checklists

MASP Acknowledgment

MASP Acknowledgment is a checklist and signature form in the MASP template. Collectively, all MASP participants will review and discuss the MASP then sign the form.

Plan File and Retention

A Box file system will be established to organize, sign, and archive MASPs. MASPs finalized with full signature will be maintained in the dispatch office and referenced during flight. MASP and related field records (i.e. MASP Acknowledgment, daily briefing sheets) will be retained as directed by policy.



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Agency Requesting Mission

U.S. Forest Service

Anticipated Date's: No

Calendar Year: Yes

Date Variance Acceptable: Choose an item.

Calendar Year

2026

Aircraft Type

Rotor-Wing:

MASP Objectives

Resource:

Incident:

EMR. Operations:

EMR. Readiness:

MASP Start Date

January 1, 2026

MASP End Date

December 31, 2026

Prepared By: /s/ Trixie Smith

Title: Helicopter Manager

October 22, 2025

Date

Reviewed By:

Forest Level /s/ David Quisenberry

Title: Asst. Forest FMO

October 22, 2025

Date

Reviewed By:

ZAO /s/ Keith R. Haskins

Title: South Zone Aviation Officer

November 14, 2025

Date

Reviewed By:

RASO

Title: Regional Aviation Safety Officer

See Signature for Date

Date

Reviewed By:

RAO

Title: Deputy Regional Aviation Officer

See Signature for Date

Date

Mission & Risk Assessment

Approved By:

Line Officer

Title: Forest Supervisor

See Signature for Date

Date

Mission & Risk Assessment

Approved By:

Cooperator Line Officer

Florida State Forest Service (FFS).

Title: Other (State in Name Block)

See Signature for Date

Date

Mission & Risk Assessment

Approved By:

Cooperator Line Officer

U.S. Fish & Wildlife Service (FWS)

Title: Other (State in Name Block)

See Signature for Date

Date



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Mission Supervisor

District Fire Management Officer
RX Burn Manager or RX Burn Bosses

Alternate Mission Supervisor

Helicopter Manager Assigned to Aircraft

Mission Project

Extended Attack- Aerial Ignition Operations

Mission Description:

Aerial ignition is a tool to achieve prescribed fire and / or forest ecosystem management objectives. These missions include pre-burn recon of units, and aerial ignition operations may include post-burn recons, smoke dispersion recons, and helitack operations (Bucket Support, Personnel Transport, Cargo, etc.). This plan may be used for the ignition of multiple burn units in the same vicinity when acceptable conditions exist.

A cooperative agreement is required to provide aerial ignition operations on non-USFS land. Other Agencies may be the requesting entity, however, this MASP is only applicable when the Forest Service has aviation operational control.

Additional Local Mission Description:

Note: Compliance with the operational procedures outlined in the Mission Aviation Safety Plan is required.

On occasion PSD operations are used on wildfire incidents, mainly on larger Initial Attack fires or Type 3 wildfires, to facilitate burn out operations. If aerial ignition is to occur on a wildfire, Incident Commanders and/or Firing Bosses will brief ground resources on incident objectives, organizational structure, assignments, communications, known/potential hazards, operational procedures, escape, fire emergency contingency plans, and emergency protocols.

On occasion PSD operations are used on wildfire incidents in Unified Command under multiple federal agencies, along with state and local partners, operating under a single, cohesive command structure during a wildfire incident. to facilitate burn out operations. The NWCG sets the operational standards used by all cooperating agencies in a unified command, including those for aerial ignition.

The Helibase or Helicopter Manager (HMGB) will insure required pre-flight briefings occur with the Aerial Firing Boss, module members, pilot, & fuel truck driver. Briefings will cover mission details such as aircraft capabilities & limitations, equipment (PSD), personnel limitations, emergency procedures, Military Training Routes, feasibility of proposed ignition patterns, review the aviation risk assessment, communications, and helispots/dip sites operations. The HMGB will ensure the PSD Air Operations/Safety Go-No Go Checklist (National Standards for Helicopter Operations, NSHO, Appendix-A-14) is included as part of the briefings prior to the start of operations.

Mission Objectives:

- Reduce hazardous fuels/fuel loading and severity of wildfires
- Restore/maintain ecosystems and enhance wildlife habitat
- Conduct prescribed burn operations to achieve agency objectives while minimizing cost per acre, limiting exposure to personnel, and reducing impacts to communities
- Further the development and operational approach to aerial ignition with the utilization of new and advancing technologies

Additional Local Mission Objectives:

- Federal policy and guidelines shall be adhered to during Unified Command operations on cooperative with Aerial Ignition Operations missions.
- This MASP can be use in Unified command long with U.S. Forest Service (USFS), U.S. Fish and Wildlife Service (FWS) and Florida State Forest Service (FFS).
- During an incident, objectives and plans must be developed in coordination with all cooperating agencies, considering fiscal, safety, and environmental concerns.



R8 Southern Region Mission Aviation Safety Plan

Extended Attack- Aerial Ignition Operations

National Forests in Florida



Aircraft Justification for Mission:

Rotor-wing aircraft use for aerial ignition operations is the most efficient means of meeting mission objectives. This method of applying fire to the landscape allows for the following:

- Personnel Safety: Limits personnel exposure by reducing the need for ground ignition, particularly in remote, adverse terrain and thick, impenetrable vegetation
- Cost Effectiveness: Expedites timeframes; May reduce personnel numbers and costs required for mission accomplishment
- Smoke Management: Aerial ignition may mitigate smoke management concerns. Burns can be completed earlier in the day maximizing mixing height and transport wind advantage
- Enhanced burn patterns and ignition strategies: Increased burn unit coverage; May reduce ignition times to allow for better fuel consumption and increase opportunity for smoke dispersion within the unit

Additional Local Aircraft Justification for Mission:

(This space intentionally left blank Blank)



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Mission risk assessment completed prior to mission approval

****Risk assessment hazards shall be re-assessed prior to mission engagement****

*****See appropriate management level for approval and dynamic flowchart decision-making tool*****

RISK ASSESSMENT MATRIX		PROBABILITY				
		Likelihood of Mishap if Hazard is Present				
		Almost Certain (Continuously experienced)	Likely (Will occur frequently)	Possible Will occur several times)	Unlikely (Improbable; but has occurred in the past)	Rare (Remotely possible; but highly improbable)
SEVERITY	Catastrophic (Death, Loss of Asset or Mission Capability or Unit Readiness)	Extremely High	Extremely High	Extremely High	High	Medium
	Critical (Permanent Disabling Injury or Damage, Significantly Degraded Mission Capability or Unit Readiness)	Extremely High	Extremely High	High	Medium	Medium
	Moderate (Non-Permanent Disabling Injury or Damage, Degraded Mission Capability or Unit Readiness)	High	High	Medium	Low	Low
	Negligible (Minimal Injury or Damage, Little or No Impact to Mission Capability or Unit Readiness)	Medium	Medium	Low	Low	Low
		Risk Assessment Codes (RAC)				
		Extremely High=1 High=2 Medium=3 Low=4				

Risk Assessment Codes

RAC Value	Risk Category	Action Required
1	Extremely High	Stop, Mitigation Required
2	High	Mitigation Needed, Consider Stopping
3	Medium	Mitigation Recommended
4	Low	Possible Acceptance, Mitigation Optional

*Reference specific agency policy regarding action required based on risk category

Appropriate Management Level for Operational Risk Decisions

<u>Risk Category/Value</u>	<u>Fire Mission</u>	<u>Non-fire Mission</u>
Extremely High (1)	Incident Commander or Operations Sections Chief	Line Officer / Manager
High (2)	Incident Commander or Operations Sections Chief	Line Officer / Manager
Medium (3)	Air Operations Branch Director	Mission Aviation Manager
Low (4)	Base Manager	Helicopter or Flight Manager



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Risk Assessment Worksheet

System Being Evaluated: Aerial Ignition

Risk Assessment Worksheet Page: 01 of 05

Sub System(s)	Hazard(s)	Pre-Mitigation			Mitigation(s)	Post Mitigation		
		Probability	Severity	Risk Level		Probability	Severity	Risk Level
Mission – Policy	Operational/Mission goals may be unstated, unclear or conflict with policy.	Possible	Critical	High (2)	Conduct thorough briefings, ensure organization is in place, and adhere to interagency policy, procedures & Guides (NSHO, NSAI, SFRO).	Unlikely	Critical	Medium (3)
Mission - Policy	MASP absent or not complete (Policy Deviation).	Possible	Critical	High (2)	Ensure MASP and risk assessment are completed and approved at appropriate level. Ensure Zone Aviation Officer is involved in mission planning. MASP should be used as a briefing tool. If at any point during this briefing any or all participants are uncomfortable to continue, or the ORA (Operational Risk Assessment) risk level exceeds the approved rating level, the mission will be cancelled or delayed until the issue(s) can be rectified. Ensure that all parties are available for mission briefings.	Unlikely	Critical	Medium (3)
Mission	Personnel transport/ recon; Unimproved landing zone / helispot.	Possible	Critical	High (2)	Ensure load calculations/manifests are completed, reviewed & signed. Landing zones approved by qualified personnel. Landing zone staffed by qualified helitack as available. Ensure required PPE is being utilized.	Unlikely	Critical	Medium (3)
Mission - Communications	Frequency management, cockpit overload, inadequate briefing, and/or loss of communication.	Possible	Critical	High (2)	Identify alternate landing areas in pre-burn recon. Perform an aerial recon of the site before landing. Notify flight following personnel of landing location.	Unlikely	Critical	Medium (3)



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Risk Assessment Worksheet

System Being Evaluated: Aerial Ignition

Risk Assessment Worksheet Page: 02 of 05

Sub System	Hazard(s)	Pre-Mitigation			Mitigation(s)	Post Mitigation		
		Probability	Severity	Risk Level		Probability	Severity	Risk Level
Personnel	Unqualified employees working in or around aircraft. Personnel not trained properly or proficient with equipment/mission. Personnel too close to drop site. Personnel unfamiliar with local flight following protocol and/or crash rescue procedures.	Possible	Critical	High (2)	All personnel will be fully qualified to perform the duties associated with a position and will take part in the pre-mission brief, assignments (duties) will be assigned. Personnel unfamiliar with their assigned duty/role should ask for clarification. Emphasis on mentoring and training in conjunction with operations and emphasize hazard identification and communication methods. Advise Pilot to communicate / provide feedback with ground contact.	Unlikely	Critical	Medium (3)
Personnel Human Factors	Acceptance of high-risk missions as normal. Lack of CRM (Crew Resource Management), Task saturation or fixation, hazardous attitude. Poor mission analysis. Fatigue. Management pressure/mission driven sense of urgency. Unknown change in project objective. Experience level of air crew and vendor.	Possible	Catastrophic	Extremely High (1)	Conduct thorough risk assessments & brief/debrief. Pilot and flight crew trained in CRM and work together in mission planning. Conduct daily briefing and complete worksheet including real time ORA. Ensure management does not place undue pressure or sense of urgency on flight crews. Ensure project objective has not changed and re-evaluate mission if changes occur.	Unlikely	Catastrophic	High (2)
Aircraft	Aircraft Performance not suitable for mission. Operating in Hot, High, and Heavy (HHH) environment.	Unlikely	Catastrophic	High (2)	Ensure appropriate aircraft is ordered, utilized and operated in accordance with appropriate flight manuals. Utilize agency load calculation process for all flights (NWCG Standards for Helicopter Operations). Ensure pilot/aircraft are carded for mission. Conduct thorough pre-mission briefing and planning.	Rare	Catastrophic	Medium (3)
Aircraft	Mission may require operating in the avoidance area of the height velocity curve; Low Level Flight below 500 feet AGL.	Likely	Critical	Extremely High (1)	Reduce time spent at speeds and altitudes from which a successful autorotational descent and landing cannot be completed. Identify and brief emergency landing areas in close proximity to the project area.	Possible	Critical	High (2)



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Risk Assessment Worksheet

System Being Evaluated: Aerial Ignition

Risk Assessment Worksheet Page: 03 of 05

Sub System	Hazard(s)	Pre-Mitigation			Mitigation(s)	Post Mitigation		
		Probability	Severity	Risk Level		Probability	Severity	Risk Level
Aircraft	Aircraft experiences an engine, transmission, hydraulic, or tail rotor failure while in low and slow flight profile.	Unlikely	Catastrophic	High (2)	Aircraft maintenance records reviewed during aircraft carding. Ensure contract maintenance standards are being adhered to. Reduce the amount of time operating within the avoid zone of the height velocity chart during low level operations. Regional Quality Assurance audits conducted within the region.	Rare	Catastrophic	Medium (3)
Environment	Adverse wind speed / direction, thunderstorms, etc. Weather becoming less than VFR conditions.	Unlikely	Catastrophic	High (2)	Ensure flight crew obtains current forecast and updated weather briefings and continually monitor the wind speed and direction. If visibility or winds become unfavorable, postpone until conditions improve or delay to another day.	Rare	Catastrophic	Medium (3)
Environment	Flying in Mountainous Terrain while focused on a low-level mission.	Possible	Catastrophic	Extremely High (1)	Carded and experienced pilot. Chosen aircraft will have enough performance to allow for more options flying in mountainous terrain. Recon of the areas to be treated will occur prior to the mission. All boundaries aerial hazards will be pre-identified. Division of tasks between pilot, HMGB and crewmembers and communicating location relative to terrain.	Unlikely	Catastrophic	High (2)
Aerial Hazards	Other aircraft, powerlines, towers, birds, UAS, during operations especially while in Low Level flight profile (below 500') during the special use mission.	Possible	Catastrophic	Extremely High (1)	Brief personnel of known aerial hazards. Complete high-level reconnaissance prior to committing aircraft to low level operations. Practice "see and avoid". Communicate using principles of CRM to identify/mitigate hazards.	Unlikely	Catastrophic	High (2)



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Risk Assessment Worksheet

System Being Evaluated: Aerial Ignition

Risk Assessment Worksheet Page: 04 of 05

Sub System	Hazard(s)	Pre-Mitigation			Mitigation(s)	Post Mitigation		
		Probability	Severity	Risk Level		Probability	Severity	Risk Level
In flight hazards- External cargo	Unstable Load during Flight.	Possible	Catastrophic	Extremely High (1)	Improve crew training, preparation, and assembly. Prepare cargo correctly using approved equipment and rigging techniques.	Unlikely	Catastrophic	High (2)
In flight hazards- Internal Cargo	Loads not balanced properly for CG or items coming loose or moving during flight.	Possible	Catastrophic	Extremely High (1)	Follow proper loading techniques for center of gravity issues, pilot will be consulted on any questionable items or placement. Secure all cargo with adequate restraints.	Unlikely	Catastrophic	High (2)
Hazardous Materials	Transportation of Hazardous Materials in the Helicopter.	Possible	Catastrophic	Extremely High (1)	Follow the directions spelled out in the Transport of Hazardous Materials Handbook for any and all Hazmat associated with the mission.	Unlikely	Catastrophic	High (2)
Equipment	Malfunction of the plastic sphere device. Improper installation. Improper or lack of maintenance. Improper securing of spheres, backup water supply, and other loose items for doors-off operations.	Possible	Critical	High (2)	Inspect and test plastic sphere device. Assure proper installation and ensure pilot and/or aircraft mechanic verify. Follow policies on maintenance, clean, and secure device after each use. Send it to the manufacturer for refurb if needed. Ensure items are properly secured for doors off operations. Adhere to the Doors Off / Open Operations Checklist.	Unlikely	Critical	Medium (3)



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Risk Assessment Worksheet

System Being Evaluated: Aerial Ignition

Risk Assessment Worksheet Page: 05 of 05

Sub System	Hazard(s)	Pre-Mitigation			Mitigation(s)	Post Mitigation		
		Probability	Severity	Risk Level		Probability	Severity	Risk Level
		Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.	Choose an item.
		Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.	Choose an item.
		Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.	Choose an item.
		Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.	Choose an item.

*Final Risk Value is the overall risk of the mission/flight after all mitigations have been implemented. Overall risk cannot be lower than the highest risk after mitigations. One high risk rating will result in the overall risk being high. It is not an average.

FINAL RISK VALUE:

High (2)

Prepared By: _____ **Title:** Regional Aviation Safety Officer **Date:** See Signature for Date



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Aircraft Performance Planning

The pilot is responsible for the accurate load calculation(s) completion. Trained personnel shall ensure that scheduled aircraft can perform the mission(s) safely and within selected aircraft capabilities. The helicopter manager shall ensure that manifests, load calculations, and weight and balance are properly completed using accurate environment and aircraft data. Reference NSHO chapter 7 for additional information.

Personal Protective Equipment

Always refer to current ALSE, NSHO, and manual direction

<p align="center"><u>Type of Operation</u> Check applicable boxes that may apply to mission</p>	<p align="center"><u>Personnel Protective Equipment Requirements</u></p>
<input type="checkbox"/> - UAS Operations ----->	Fire-resistant clothing, hard hat w/chin strap, fire resistant and/or leather gloves, all leather boots, eye protection <i>* Refer to appropriate guides or policies for UAS PPE pending mission*</i>
<input type="checkbox"/> - Fixed-Wing ----->	Refer to current IASG, ALSE, and 5700 manual directions for PPE requirements.
<input checked="" type="checkbox"/> - Rotor-Wing ----->	Fire-resistant clothing, SPH-5 flight helmet or other approved model, hard hat w/chin strap, fire resistant and/or leather gloves, all leather boots, eye protection, hearing protection. Additional personnel restraints needed in the helicopter pending type of mission. <i>* Refer to appropriate guides or policies.</i> <i>** Charter flights, (non-agency-controlled mission), shall comply with 14 CFR 135 requirements.</i>
<input checked="" type="checkbox"/> - Doors Off Flight(s) -----> <i>*If Doors Off Flights is checked please go to page 12 (Doors-Off or Doors-Open Operations Checklist) all personnel involved shall review covered all items and signed for prior to operations*</i>	Personnel will remain seated and inside fuselage during all flights, approved secondary restraint harness for doors off flights (only for PLDO, HRAP, HRSP, Aerial Photography, IR Operator, ACETA Gunner, Cargo Letdown, Short Haul Spotter, Cargo Free Fall Operations-Type 3 helicopter). <i>* Refer to appropriate guides or policies*</i> <i>** Safety Alert IASA 18-03 Door(s)-Off, Door(s)-Open Operations**</i>
<input type="checkbox"/> - Cargo Free Fall Operations ----->	Fire-resistant clothing, SPH-5 flight helmet or other approved model, fire resistant and/or leather gloves, all leather boots, eye protection, hearing protection. Additional qualifications, compliance with rotorcraft manual, and approved restraint requirement apply. <i>* Refer to NSHO chapter eleven for additional details or other agency guides and policies. *</i>



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Policy and References

See and use the QR code below for policy and references on Personnel Protective Equipment Requirements for the type of operation conducted for this MASP.

<p>FS Standards for UAS Operations, June 2025</p>  <p>Chapter 11: Safety and Operational Risk Management, PG 56</p>	<p>PMS 505 IASG March 2025</p>  <p>Chapter 3: Policies, Regulations, and Guidelines, PG 42</p>	<p>ALSE March 2021</p>  <p>Chapter 2: Personal Protective Equipment, PG 10</p>	<p>FS Handbook 5709.16 ch.30 September 2020</p>  <p>Chapter 30.6: Personal Protective Equipment, PG 42</p>	<p>PMS 510 NSHO May 2023</p>  <p>Chapter 09: Equipment Requirements & Maintenance, PG 82</p>
--	---	---	---	---



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Aircraft Information:

Check all that apply, if name is unknown, add information to safety plan briefing sheet

Leave text fields blank if unknown

All cooperators require an annual approval letter onboard except DOJ-DHS aircraft

Agency: _____

Cooperator: _____

Vendor: Hillcrest (Tallahassee), and Helicopter Express (Altoona) or Other

Military: _____

Other: _____

Rotor-Wing:

Type I:

Type II:

Type III:

* Additional document requirements beyond standard typing in aircraft justification and resource order* (performance capabilities, equipment, Etc.)

Aircraft Make and Model:

Refer to the safety plan briefing sheet for vendor name, make, FAA#, and model (Rotor-Wong or Fixed-Wing only below).

Contract: Exclusive-Use (EU)

Vendor: Hillcrest (Tallahassee), and Helicopter Express (Altoona) or Other

Make/Model: Bell 407 (Tallahassee), and Bell 429 (Altoona) or Other

FAA No.: N854H (Tallahassee), and N52HX (Altoona) or Other

** CWN helicopter information attained after hiring process**

Unknown or multiple aircraft in use (CWN or EU), have CWN inspection sheet or copy of aircraft data card on file with MASP for aircraft data

Procurement and Cost Information:

Check unknown if unable to provide accurate or estimated information

Procurement Type: Unknown

Estimated Flight Hour Cost: _____ **Unknown:**

Mission Flight Hours: _____ **Unknown:**

Estimated Miscellaneous Cost(s): _____ **Unknown:**

Charge Code: _____ **Unknown:**



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Pilot Information (Rotor-Wing)

** National Guard, DOJ, DHS, and Co-Op pilots do not require this section, refer to current agency or cooperative letters for information and guidance**

Pilot (P1) - PIC/Primary

Name: _____

Phone: _____

Card Expiration Date: _____

Pilot Carded for Mission: Yes: or No:

Pilot (P2) - PIC/Primary or SIC/Secondary Pilot

Name: _____

Phone: _____

Card Expiration Date: _____

Pilot Carded for Mission: Yes: or No:

Chart Pilot 135 Certificate and FAR's Apply

** Use of charter pilot requires Regional Forester Approval**

Check all boxes that apply to pilot(s) carding below

<u>Authorized Missions</u>	<u>Pilot (P1)</u>	<u>Pilot (P2)</u>
Low-Level Recon & Survey	<input type="checkbox"/>	<input type="checkbox"/>
Helitack-Passenger Transport	<input type="checkbox"/>	<input type="checkbox"/>
External Load (Belly Hook)	<input type="checkbox"/>	<input type="checkbox"/>
Water-Retardant Delivery	<input type="checkbox"/>	<input type="checkbox"/>
Longline VTR (150')	<input type="checkbox"/>	<input type="checkbox"/>
Snorkel - VTR: <input type="checkbox"/> or Mirror: <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mountainous Terrain Flying	<input type="checkbox"/>	<input type="checkbox"/>
Aerial Ignition - PSD: <input type="checkbox"/> or Torch: <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rappel Operations	<input type="checkbox"/>	<input type="checkbox"/>
Cargo Letdown	<input type="checkbox"/>	<input type="checkbox"/>
Snow Operations (Deep Snow)	<input type="checkbox"/>	<input type="checkbox"/>
Hoist	<input type="checkbox"/>	<input type="checkbox"/>
Designated "Pilot Trainer"	<input type="checkbox"/>	<input type="checkbox"/>
"Trainee Only" Pilot	<input type="checkbox"/>	<input type="checkbox"/>
Short Haul - LE: <input type="checkbox"/> or SAR: <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Float Operations (Fixed)	<input type="checkbox"/>	<input type="checkbox"/>
Platform Landings-Offshore	<input type="checkbox"/>	<input type="checkbox"/>
Vessel Landings	<input type="checkbox"/>	<input type="checkbox"/>
Night Vision Goggle Operations	<input type="checkbox"/>	<input type="checkbox"/>
ACETA Net Gun (All ACETA)	<input type="checkbox"/>	<input type="checkbox"/>
ACETA Eradication	<input type="checkbox"/>	<input type="checkbox"/>
ACETA (Herding)	<input type="checkbox"/>	<input type="checkbox"/>
ACETA Darting-Paintball	<input type="checkbox"/>	<input type="checkbox"/>
STEP	<input type="checkbox"/>	<input type="checkbox"/>
Other: _____	<input type="checkbox"/>	<input type="checkbox"/>



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Crash Rescue/Medivac Plan

General Instructions (in the event of an incident):

During the daily safety briefing, crash rescue and assigned responsibilities will be discussed and recorded

Before flights of any kind, crash rescue duties will be assigned to ground operations personnel each day. Crash rescue and first aid equipment will be located near the helicopter operations site, and equipment location made known to all personnel. Information and instructions will be sent / received through the local dispatch office or communications.

EMT(s) On-Site: YES: or NO:

EMT Name: _____ **Phone #:** _____

EMT Name: _____ **Phone #:** _____

First Responder(s) On-Site: YES: or NO:

Department/Unit Name: _____

POC Name: _____ **Phone #:** _____

Locations: _____

Available Medivac Helicopter? YES: or UNKNOWN:

*Unknown: Select if medivac helicopter will not be ordered for the mission or incident prior to need. The helicopter will be requested on-demand through the dispatch process. Dispatch will provide medivac ship call sign or tail number, including capabilities and contact information.

Medivac Helicopter On-Site? YES: or NO:

Level of care medivac helicopter personnel can provide:

Basi Life Support (BLS): Advanced Life Support (ALS): Unknown:

FAA Tail #: _____

Contact Information: _____

Hoist/Rappel/Extraction Capable? YES: or NO:

Check all that apply:

Hoist: Rappel: Short-Haul:



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Doors-Off or Doors-Open Operations Checklist

All personnel involved in Doors-Off or Doors-Open operations flights shall review covered all items and signed for prior to operations

“Agency personnel involved in any public aircraft operations mission that require aircraft doors to be removed prior to flight, or open during flight, shall receive hands-on secondary restraint refresher training prior to conducting flight operations.”

- Aircraft connection point and secondary restraint configuration (Interagency Safety Alert IASA 17-02)
- Proper donning and adjustment of secondary restraint system.
- Have an understanding of the secondary restraint interaction with FAA approved seat belts.
- Potential of secondary restraint interference with Airbus AS 350 fuel shut off lever if applicable.
- Know location and use of secondary restraint interaction quick- release.
- Perform buddy-check and Pilot in Command check of secondary restraints before flight.
- Practice egress with secondary restraint quick-release mechanism and function of seatbelt.
- Know location and use of rescue knife.



Safety Alert IASA
18-03 Door(s)-
Off, Door(s)-Open

Vendor Name: _____ **Aircraft Model:** _____
Aircraft Make: _____ **FAA No.:** _____

_____	_____	_____
Mission Supervisor/Manager Name (Print)	Mission Supervisor/Manager (Signature)	Date
_____	_____	_____
Pilot Name (Print)	Pilot (Signature)	Date
_____	_____	_____
Participant's Name (Print)	Participant's (Signature)	Date
_____	_____	_____
Participant's Name (Print)	Participant's (Signature)	Date
_____	_____	_____
Participant's Name (Print)	Participant's (Signature)	Date
_____	_____	_____
Participant's Name (Print)	Participant's (Signature)	Date
_____	_____	_____
Participant's Name (Print)	Participant's (Signature)	Date



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Mission Aviation Safety Plan Acknowledgment

We, the Project Supervisor/Manager and Crewmember acknowledge our participation in developing this MASP. We have thoroughly discussed and understand each MASP provision.

Date: _____

Mission/Project Name: _____

Aircraft Make and Model: _____ **FAA No.:** _____

We are Operating Under Supplement: _____

General

YES NO

- Load Calculations (OAS-67/FS 5700-17) prepared, reviewed, signed, and posted
- Helicopter Passenger/Cargo Manifest (OF 252) prepared, reviewed, signed, and posted
- Filled out the Daily DORA- G0/N0-Go with Pilot, signed, and posted
- Discussed the Mission Aviation Safety Plan (MASP) with all personnel involved

Safety

YES NO

- Reviewed and Signed Job Hazard Analysis (JHA) or Risk Management Assessment (RMA)
- Hazardous Material Manifest Form DOT-SP-9198 filled out, signed, and posted

Participant's Signature

Project Supervisor or Manager

Participant and Qual/Position

Pilot

Participant and Qual/Position



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Supplement – 1: Apalachicola National Forest Only cover pages 15 to 18.

Map of Mission Area

Please attach a QR code below of the Mission Area map or the actual Mission Area map to supporting documents as an appendix. Attach the addendum to the end of the MASP. ***A map will be provided prior to the mission***

 FL-FNF Aviation Maps		QR Code Name of the QR code		QR Code Name of the QR code
--	--	------------------------------------	--	------------------------------------

Aviation Hazards Map

Please attach a QR code below of the Aviation Hazards map or the actual Aviation Hazards map to supporting documents as an appendix. Attach the addendum to the end of the MASP. ***A map will be provided prior to the mission***

 Name of the QR code		QR Code Name of the QR code		QR Code Name of the QR code
---	--	------------------------------------	--	------------------------------------

Aerial Hazard Analysis

Aerial Hazard Analysis Northeast corner of the Apalachicola National Forest (ANF) on the Wakulla Ranger District, side is a Class C airspace, which is Tallahassee International Airport (KTLH), in the KTLH airspace it contains 32 burn units. On the ANF we have 2 Military Operational Areas (MOA) on the Apalachicola Ranger District, Tyndall D, and E MOA for special military activity contact Gainesville Radio on 122.2 or 122.45 for activity status. There is total of 100 burn units inside Tyndall MOA. We also have 3 Military Training Route VFR (IR021, IR015, and IR019) and 1 Military Training Route IFR (V521). May Contact Tyndall Approach on 124.15 when operating in the MOA. Another hazard to look out for on the Forest is transmission lines or towers. Transmission lines are across forests or near private/state land. One well known tower is FSU Repeater (T82) 1000' AGL high-intensity white strobe & red; it is in burn unit 209. The Apalachicola National Forest has 3 Wilderness areas, 2 of which are on the Wakulla Ranger District (Bradwell Bay Wilderness and Clear Lake Wilderness Study Area) and 1 on the Apalachicola Ranger District (Mud Swamp New River wilderness).



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Flight Following and Frequencies

Confirm frequencies during the briefing prior to flight

FAA Flight Plan (chartered aircraft non-agency-controlled mission) no frequencies required

Chartered 135 operator is responsible for communications and flight plan

Flight Following Method

Automated Flight Following (AFF):
 Radio (Local or GACC Aircraft Desk):

FAA Flight Plan

Agency-owned or agency contracted aircraft mission:
 Charter aircraft non-agency-controlled mission:

Flight Following and Frequencies for: Apalachicola National Forest

Command: <u>A-FSU</u>	
Receive Freq. (RX): <u>170.550</u>	Transmit Freq. (TX): <u>164.1250</u>
RX NAC: <u>\$F7E</u>	TX NAC: <u>\$68F</u>
RX Tone: _____	TX Tone: <u>167.9</u>
Command: <u>A-Sumatra</u>	
Receive Freq. (RX): <u>170.550</u>	Transmit Freq. (TX): <u>164.550</u>
RX NAC: <u>\$F7E</u>	TX NAC: <u>\$586</u>
RX Tone: _____	TX Tone: <u>146.2</u>
Air to Ground (Primary): <u>AG15</u>	
Receive Freq. (RX): <u>167.5250</u>	Transmit Freq. (TX): <u>167.5250</u>
RX Tone: <u>No Tone</u>	TX Tone: <u>No Tone</u>
Air to Ground (Secondary): <u>AG71</u>	
Receive Freq. (RX): <u>168.6750</u>	Transmit Freq. (TX): <u>168.6750</u>
RX Tone: <u>No Tone</u>	TX Tone: <u>No Tone</u>
Air to Air (Primary): <u>AA-Primary</u>	
Receive Freq. (RX): <u>122.925</u>	Transmit Freq. (TX): <u>122.925</u>
RX Tone: <u>N/A</u>	TX Tone: <u>N/A</u>
Air to Air (Secondary): <u>AA-Secondary</u>	
Receive Freq. (RX): <u>122.275</u>	Transmit Freq. (TX): <u>122.275</u>
RX Tone: <u>N/A</u>	TX Tone: <u>N/A</u>



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Manager or Mission Supervisor will coordinate Temporary Flight Restrictions (TFR) with dispatch if needed

MTR's and MOA's for: Apalachicola National Forest

Military Training Route(s) (MTR'S) or Military Operating Area(s) (MOA'S)

Prior to the flight, the mission supervisor, alternate supervisor, or delegated manager shall confirm route and area deconfliction with dispatch or other approved local methods. Deconfliction will be addressed during the aviation safety plan briefing.

MTR-MOA	Route Legs-Altitudes	Activity	Time	Time Zone
Tyndall D	VFR (IR021, IR015, and IR019 V521 300' AGL – 6,000' MSL)	Hot: <input type="checkbox"/> Cold: <input type="checkbox"/> N/A: <input type="checkbox"/>	Start: _____ Stop: _____ Check Daily	UTC: <input type="checkbox"/> Local: <input checked="" type="checkbox"/>
Tyndall E	VFR (IR021, IR015, and IR019 V521 300' AGL – 6,000' MSL)	Hot: <input type="checkbox"/> Cold: <input type="checkbox"/> N/A: <input type="checkbox"/>	Start: _____ Stop: _____ Check Daily	UTC: <input type="checkbox"/> Local: <input checked="" type="checkbox"/>
		Hot: <input type="checkbox"/> Cold: <input type="checkbox"/> N/A: <input type="checkbox"/>	Start: _____ Stop: _____ Check Daily	UTC: <input type="checkbox"/> Local: <input type="checkbox"/>
		Hot: <input type="checkbox"/> Cold: <input type="checkbox"/> N/A: <input type="checkbox"/>	Start: _____ Stop: _____ Check Daily	UTC: <input type="checkbox"/> Local: <input type="checkbox"/>
		Hot: <input type="checkbox"/> Cold: <input type="checkbox"/> N/A: <input type="checkbox"/>	Start: _____ Stop: _____ Check Daily	UTC: <input type="checkbox"/> Local: <input type="checkbox"/>



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Medical Information for: Apalachicola National Forest

**** NOTE: CLOSEST MEDICAL FACILITIES MAY BE OUT OF STATE ****

MEDICAL FACILITY

Tallahassee Memorial
 1300 Miccosukee Rd
 Tallahassee, FL 32308
850-431-1155

Helipad on Facility: YES **FAA Identifier:** FD18
See AirNav.com for more info.

Helipad H1 Lat/Long: 30° 27.42'N, 84° 15.69'W
Helipad H2 Lat/Long: 30° 27.45'N, 84° 15.64'W
Trauma Center: Level II
Manager: _____ **Contact Freq:** 168.6500
Ground Travel Time: 60 Minutes **Air Travel Time:** 20 Minutes

MEDICAL FACILITY

HCA Florida Capital Hospital
 2626 Capital Medical Blvd
 Tallahassee, FL 32308
(850) 325-5000

Helipad on Facility: YES **FAA Identifier:** 68FL
See AirNav.com for more info.

Helipad H1 Lat/Long: 30° 28.56'N, 84° 13.86'W
Helipad H2 Lat/Long: _____
Trauma Center: Unknown
Manager: _____ **Contact Freq:** 164.3250
Ground Travel Time: 60 Minutes **Air Travel Time:** 20 Minutes

MEDICAL FACILITY

Calhoun-Liberty Hospital
 20370 Burns Ave
 Blountstown, FL 32424
(850) 674-5411

Helipad on Facility: YES **FAA Identifier:** _____
See AirNav.com for more info.

Helipad H1 Lat/Long: 30° 27.511'N, 85° 02.968'W
Helipad H2 Lat/Long: _____
Trauma Center: Unknown
Manager: _____ **Contact Freq:** None, Have Dispatch call Hospital
Ground Travel Time: 60 Minutes **Air Travel Time:** 20 Minutes

NEAREST BURN FACILITY

UF Health Shands Hospital
 1515 SW Archer Rd
 Gainesville, FL 32608
(352)-265-0111

Helipad on Facility: YES **FAA Identifier:** FA12
See AirNav.com for more info.

Helipad H1 Lat/Long: 29° 38.35'N, 82° 20.72'W
Helipad H2 Lat/Long: 29° 38.36'N, 82° 20.55'W
Trauma Center: Level I
Manager: _____ **Contact Freq:** 161.6250
Ground Travel Time: 2.5 Hours **Air Travel Time:** 50 Minutes

AIR AMBULANCE INFORMATION

Company's Name: Tallahassee Medivac Base – Survival Flight
Aircraft Type: Bell 407 (N637AL)
Bases: Tallahassee – Tallahassee Memorial Hospital
Services: Advanced medical equipment and medications
Night Vision Capability: Yes
Dispatch Emergency Phone No.: _____ **Non-Emergency Phone No.:** 1-877-581-5558

Additional Medical Information Attached? YES: or NO:



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Supplement – 2: Ocala National Forest

Only cover pages 19 to 23.

Map of Mission Area

Please attach a QR code below of the Mission Area map or the actual Mission Area map to supporting documents as an appendix. Attach the addendum to the end of the MASP. ***A map will be provided prior to the mission***

 FL-FNF Aviation Maps		QR Code Name of the QR code		QR Code Name of the QR code
---	--	------------------------------------	--	------------------------------------

Aviation Hazards Map

Please attach a QR code below of the Aviation Hazards map or the actual Aviation Hazards map to supporting documents as an appendix. Attach the addendum to the end of the MASP. ***A map will be provided prior to the mission***

 FL-FNF Aviation Maps		QR Code Name of the QR code		QR Code Name of the QR code
--	--	------------------------------------	--	------------------------------------

Aerial Hazard Analysis

Ocala Helibase has completed a Flight Hazard Map, which identifies existing, known hazards. Examples of hazards include other aircraft, towers, power lines, wires, birds, weather, unimproved landing areas, major highways, airports, subdivisions, external load operations, and possible hostile actions against aircraft, personnel, etc. Hazard mitigation will be in effect utilizing the attached Risk Assessment Worksheet. A copy of the hazard map will be provided to the pilot as a working reference. Along with such aviation hazards there are seven Restricted Areas on the Ocala National Forest. These Restricted Areas shall be given top priority to avoid airspace confliction with its users. The Pilot and Helicopter Manager shall coordinate all operations with FICC & SEALORD to eliminate any airspace confliction within the Restricted Areas. The assigned Helicopter Manager, Pilot and LEI Mission Supervisor will review the Aviation Flight Hazard Map before flight operations commence.



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Flight Following and Frequencies

Confirm frequencies during the briefing prior to flight

FAA Flight Plan (chartered aircraft non-agency-controlled mission) no frequencies required

Chartered 135 operator is responsible for communications and flight plan

Flight Following Method

Automated Flight Following (AFF):
 Radio (Local or GACC Aircraft Desk):

FAA Flight Plan

Agency-owned or agency contracted aircraft mission:
 Charter aircraft non-agency-controlled mission:

Flight Following and Frequencies for: Ocala National Forest

Command: <u>Fire Central</u>	
Receive Freq. (RX): <u>172.3750</u>	Transmit Freq. (TX): <u>165.2250</u>
RX NAC: <u>\$F7E</u>	TX NAC: <u>\$4CE</u>
RX Tone: _____	TX Tone: _____

Command: <u>Fire South</u>	
Receive Freq. (RX): <u>172.3750</u>	Transmit Freq. (TX): <u>165.2250</u>
RX NAC: <u>\$F7E</u>	TX NAC: <u>\$526</u>
RX Tone: _____	TX Tone: _____

Air to Ground (Primary): <u>A/G 79</u>	
Receive Freq. (RX): <u>169.4000</u>	Transmit Freq. (TX): <u>169.4000</u>
RX Tone: <u>No Tone</u>	TX Tone: <u>No Tone</u>

Air to Ground (Secondary): <u>A/G 34</u>	
Receive Freq. (RX): <u>167.1750</u>	Transmit Freq. (TX): <u>167.1750</u>
RX Tone: <u>No Tone</u>	TX Tone: <u>No Tone</u>

Air to Air (Primary): <u>Statewide</u>	
Receive Freq. (RX): <u>122.925</u>	Transmit Freq. (TX): <u>122.925</u>
RX Tone: <u>N/A</u>	TX Tone: <u>N/A</u>

Air to Air (Secondary): <u>A/A Secondary</u>	
Receive Freq. (RX): <u>122.050</u>	Transmit Freq. (TX): <u>122.050</u>
RX Tone: <u>N/A</u>	TX Tone: <u>N/A</u>



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Manager or Mission Supervisor will coordinate Temporary Flight Restrictions (TFR) with dispatch if needed

MTR's and MOA's for: Ocala National Forest

Military Training Route(s) (MTR'S) or Military Operating Area(s) (MOA'S)

Prior to the flight, the mission supervisor, alternate supervisor, or delegated manager shall confirm route and area deconfliction with dispatch or other approved local methods. Deconfliction will be addressed during the aviation safety plan briefing.

US Navy Fleet Area Control & Surveillance Facility (FACSFAC) Jacksonville, a.k.a. SEALORD)

Scheduling (24 hours/day): (904) 542-2028

Air Traffic Control: (904) 542-2250

MTR-MOA	Route Legs-Altitudes	Activity	Time	Time Zone
Palatka 1 MOA	3,000' AGL-17,999' MSL	Hot: <input type="checkbox"/> Cold: <input type="checkbox"/> N/A: <input type="checkbox"/>	Start: _____ Stop: _____ Check Daily	UTC: <input type="checkbox"/> Local: <input checked="" type="checkbox"/>
Palatka 2 MOA	3,000' AGL-17,999' MSL	Hot: <input type="checkbox"/> Cold: <input type="checkbox"/> N/A: <input type="checkbox"/>	Start: _____ Stop: _____ Check Daily	UTC: <input type="checkbox"/> Local: <input checked="" type="checkbox"/>
R-2906	VR-1010, VR-1041 & VR-1040 Surface-14,000' MSL	Hot: <input type="checkbox"/> Cold: <input type="checkbox"/> N/A: <input type="checkbox"/>	Start: _____ Stop: _____ Check Daily	UTC: <input type="checkbox"/> Local: <input checked="" type="checkbox"/>
R-2907	VR-1010, VR-1041, & VR-1040. R-2907A: Surface – 23,000' MSL R-2907B: 2,000' – 23,000' MSL	Hot: <input type="checkbox"/> Cold: <input type="checkbox"/> N/A: <input type="checkbox"/>	Start: _____ Stop: _____ Check Daily	UTC: <input type="checkbox"/> Local: <input checked="" type="checkbox"/>
R-2910	VR-1009, VR-1008, VR-1005, VR-1039 & IR-023. R-2910A: Surface – 23,000' MSL R-2910B: 2,000' – 23,000' MSL R-2910C: Surface – 6,000' MSL R-2910D: 2,000' – 23,000' MSL R-2910E: 500'-1,999' MSL	Hot: <input type="checkbox"/> Cold: <input type="checkbox"/> N/A: <input type="checkbox"/>	Start: _____ Stop: _____ Check Daily	UTC: <input type="checkbox"/> Local: <input checked="" type="checkbox"/>



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



NEAREST BURN FACILITY South End of Forest

Orlando Regional Medical Center
 52 W Underwood Street
 Orlando, FL 32806

1-800-895-4615 Air Care Team

Helipad on Facility: YES
 See AirNav.com for more info.

FAA Identifier: FD28

Helipad 1 Lat/Long: N 29° 31.52' W 81° 22.62 (Accommodates two aircraft at a time East side of the Helipad is designated as the transient pad)

Trauma Center: Level I

Helipad 2 Lat/Long: _____

Manager: Michael Talento

Contact Freq: (Primary) RX 155.340 TX 155.340 Tone: 85.4
 (Secondary) Unicom 123.050
 Request permission (1-800-895-4615) to land

Ground Travel Time: 1 hour 16 Minutes

Air Travel Time: 17 Minutes

AIR AMBULANCE INFORMATION

Company's Name: ShandsCair

Aircraft Type: Rotor and Fixed Wing (Bell 407 Villages Base)

Bases: Gainesville, The Villages and Perry Florida

Services: Registered Nurse/Paramedic or APRN/Paramedic and a Critical Care Paramedic

Night Vision Capability: Yes

Dispatch Emergency Phone No.: 800-342-5365

Non-Emergency Phone No.: 352-265-0222

Additional Medical Information Attached? YES: or NO:



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Supplement – 3: Osceola National Forest Only cover pages 24 to 27.

Map of Mission Area

Please attach a QR code below of the Mission Area map or the actual Mission Area map to supporting documents as an appendix. Attach the addendum to the end of the MASP. ***A map will be provided prior to the mission***

 FL-FNF Aviation Maps		QR Code Name of the QR code		QR Code Name of the QR code
--	--	------------------------------------	--	------------------------------------

Aviation Hazards Map

Please attach a QR code below of the Aviation Hazards map or the actual Aviation Hazards map to supporting documents as an appendix. Attach the addendum to the end of the MASP. ***A map will be provided prior to the mission***

 FL-FNF Aviation Maps		QR Code Name of the QR code		QR Code Name of the QR code
---	--	------------------------------------	--	------------------------------------

Aerial Hazard Analysis

Missions may be conducted out of the Lake City Airport or Lake City Tanker Base. All new pilots coming to the Osceola National Forest should be given a briefing by the local fire staff, Flight Manager, or Helicopter Manager. When the briefings have been completed, the participants may commence flight operations. Refer to the Aviation Hazard Map and MASP for MTR number and contact information for the scheduling activity. Common aviation hazards are General Aviation (GA) traffic, powerlines, and radio towers. Public flying UAS may be in the area as well. FICC should be contacted to deconflict airspace prior to operations.



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Flight Following and Frequencies

Confirm frequencies during the briefing prior to flight

FAA Flight Plan (chartered aircraft non-agency-controlled mission) no frequencies required

Chartered 135 operator is responsible for communications and flight plan

Flight Following Method

Automated Flight Following (AFF):
 Radio (Local or GACC Aircraft Desk):

FAA Flight Plan

Agency-owned or agency contracted aircraft mission:
 Charter aircraft non-agency-controlled mission:

Flight Following and Frequencies for: Osceola National Forest

Command: <u>Olustee</u>	
Receive Freq. (RX): <u>171.5000</u>	Transmit Freq. (TX): <u>164.800</u>
RX NAC: <u>\$F7E</u>	TX NAC: <u>\$68F</u>
RX Tone: <u>No Tone</u>	TX Tone: <u>167.9</u>
Command: <u>Eddy</u>	
Receive Freq. (RX): <u>171.5000</u>	Transmit Freq. (TX): <u>164.800</u>
RX NAC: <u>\$F7E</u>	TX NAC: <u>\$5B6</u>
RX Tone: <u>No Tone</u>	TX Tone: <u>167.9</u>
Air to Ground (Primary): <u>A/G 17</u>	
Receive Freq. (RX): <u>167.9875</u>	Transmit Freq. (TX): <u>167.9875</u>
RX Tone: <u>No Tone</u>	TX Tone: <u>No Tone</u>
Air to Ground (Secondary): <u>A/G 71</u>	
Receive Freq. (RX): <u>168.6750</u>	Transmit Freq. (TX): <u>168.6750</u>
RX Tone: <u>No Tone</u>	TX Tone: <u>No Tone</u>
Air to Air (Primary): <u>Statewide</u>	
Receive Freq. (RX): <u>122.925</u>	Transmit Freq. (TX): <u>122.925</u>
RX Tone: <u>N/A</u>	TX Tone: <u>N/A</u>
Air to Air (Secondary): <u>A/A Secondary</u>	
Receive Freq. (RX): <u>122.050</u>	Transmit Freq. (TX): <u>122.050</u>
RX Tone: <u>N/A</u>	TX Tone: <u>N/A</u>



R8 Southern Region Mission Aviation Safety Plan
Extended Attack- Aerial Ignition Operations
National Forests in Florida



Manager or Mission Supervisor will coordinate Temporary Flight Restrictions (TFR) with dispatch if needed

MTR's and MOA's for: Osceola National Forest

Military Training Route(s) (MTR'S) or Military Operating Area(s) (MOA'S)

Prior to the flight, the mission supervisor, alternate supervisor, or delegated manager shall confirm route and area deconfliction with dispatch or other approved local methods. Deconfliction will be addressed during the aviation safety plan briefing.

MTR-MOA	Route Legs-Altitudes	Activity	Time	Time Zone
VR Routes 1001, 1002, and 1003	1500 AGL and below	Hot: <input type="checkbox"/> Cold: <input type="checkbox"/> N/A: <input type="checkbox"/>	Start: _____ Stop: _____ Check Daily	UTC: <input type="checkbox"/> Local: <input checked="" type="checkbox"/>
IR Routes: 023 and 019	1500 AGL and below	Hot: <input type="checkbox"/> Cold: <input type="checkbox"/> N/A: <input type="checkbox"/>	Start: _____ Stop: _____ Check Daily	UTC: <input type="checkbox"/> Local: <input checked="" type="checkbox"/>
		Hot: <input type="checkbox"/> Cold: <input type="checkbox"/> N/A: <input type="checkbox"/>	Start: _____ Stop: _____ Check Daily	UTC: <input type="checkbox"/> Local: <input type="checkbox"/>
		Hot: <input type="checkbox"/> Cold: <input type="checkbox"/> N/A: <input type="checkbox"/>	Start: _____ Stop: _____ Check Daily	UTC: <input type="checkbox"/> Local: <input type="checkbox"/>
		Hot: <input type="checkbox"/> Cold: <input type="checkbox"/> N/A: <input type="checkbox"/>	Start: _____ Stop: _____ Check Daily	UTC: <input type="checkbox"/> Local: <input type="checkbox"/>

