

## UAS Aerial Ignition Mission Evaluation

Trainee Name:					Assignment dates:					
Instructor Name:					Total aerial ignition missions this assignment:					
Incident Name/Location/Incident Number:					Total aerial ignition missions to date:					
Incident Complexity: ___ Type 1    ___ Type 2    ___ Type 3    ___ Type 4/5    ___ Prescribed Fire    ___ Other										
Airspace Complexity:    ___ TFR    ___ ATGS Coordination    ___ On Scene Aircraft Coordination										
Mission Complexity:    ___ BVLOS    ___ Night Ops/Low Vis    ___ Timber    ___ Variable Terrain										
Operational Tempo (Circle): <b>LOW</b> ( <i>firing operations not dependent on UAS firing</i> ) <b>MEDIUM</b> <b>HIGH</b> ( <i>high reliability on UAS Aerial coordination setting/maintaining firing/sequence/pace with adjoining forces</i> )										
Evaluation Elements (see below):					1	2	3	4	NA	Remarks
Pre-Mission Procedures: Mission information, prepare system and plan logistical needs.										
Review relevant documents: IAP, Rx Burn Plan, Firing Plan, PASP.										
Recon: Asses feasibility and identify hazards.										
<b>Confirm objectives and priorities.</b>										
Assist in the "Go/No-Go" decision.										
Determine emergency landing areas.										
<b>Map Utilization: Set geo-fence.</b>										
<b>Perform airspace de-confliction with dispatch/Helibase. Obtain clearance from ATGS. Set altimeter. Know FTA altitudes. Coordinate with other aircraft as required.</b>										
Adjust ignition pattern to meet planned objectives using on-site fuel, weather, and available resources.										
<b>Confirm ground clearance: No personnel in burn area where drops are to occur.</b>										
<b>Regulate heat/intensity: Identify impacts of ignition on controllability and fire effects.</b>										
<b>Coordinate with firing/holding personnel.</b>										
Utilize CRM (Info/task sharing w/VO).										
Maintain span of control.										
Watch for new/emerging hazards/situations.										
Provide ground personnel with updates.										
Demonstrate effective communication & frequency management (FM/AM).										
Demonstrate effective battery management.										
<b>Maintain constant situational awareness.</b>										
Debrief with crews & supervisors.										
Refurbish UAS & payload.										
<i>Focus Areas – Next Assignment:</i>										
<b>Instructor Signature:</b>					<b>Date:</b>					
<b>Trainee Signature:</b>					<b>Date:</b>					
<b>Evaluation Elements</b>										
<b>4</b>	<b>None</b>	No assistance required or deficiency noted.								
<b>3</b>	<b>Minor</b>	No Critical deviations are noted and objectives were met.								
<b>2</b>	<b>Moderate</b>	Coaching was required and deviations noted.								
<b>1</b>	<b>Significant</b>	Frequent coaching was required. The outcome of the event was in doubt and safety was compromised or the individual failed to accomplish the critical task.								
NA	Task/procedure not applicable to this mission.									
<b>Evaluation Requirements: Seven elements (bold text and shading) have been identified as mission critical and require a rating of 4 in order to pass the evaluation flight. All other elements require a minimum rating of 3 in order to pass the evaluation flight. Scores of 1 or 2 require remarks.</b>										