Interagency Aviation Mishap Response Guide UAS Insert UAS INCURSION

A UAS incursion is defined as a non-participating UAS operating over or near an incident that intrudes into a TFR or interferes with incident/mission operations. The incursion is documented through the appropriate reporting system such as SAFECOM and dispatch incursion form.

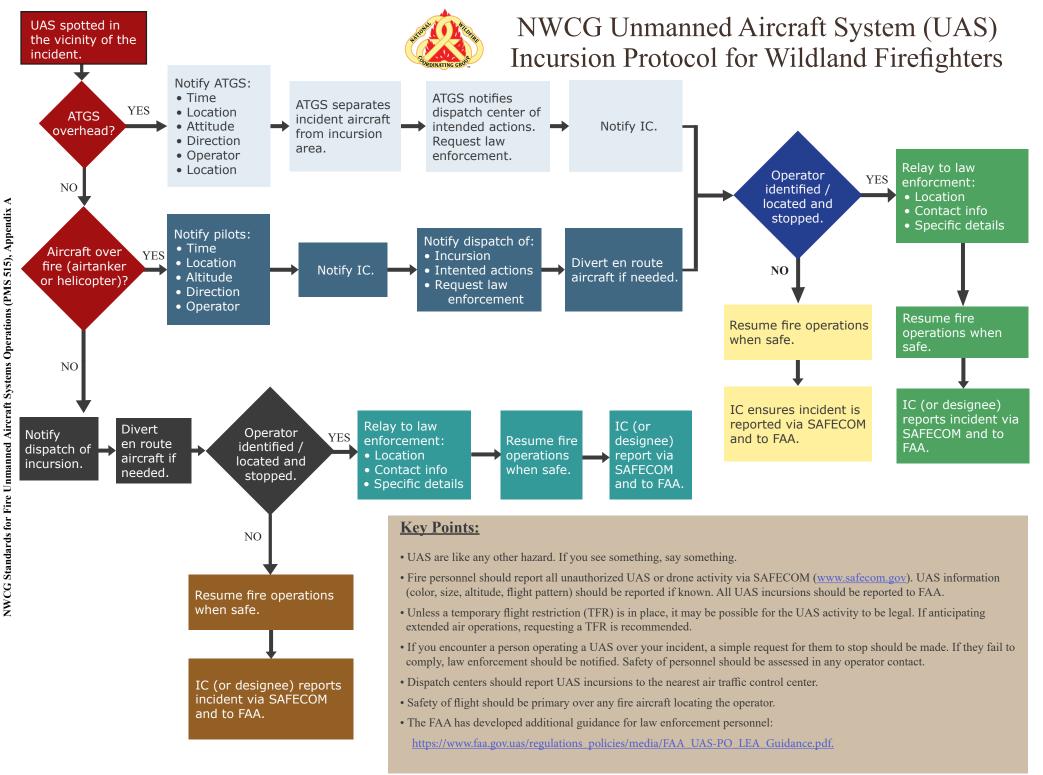
		Time Log
 Notify ATGS, aircraft in the area, and ground personnel. Clear the affected airspace and suspend air operations in area. Notify flight following contact, AOBD, IC, and/or dispatch as required. Request Law Enforcement Wait for the non-participating UAS to be identified, located, stopped and/or voluntarily depart area. 		
 Resume air operations. Complete UAS Incursion Form Dispatch centers should report UAS incursions to the nearest Air Traffic Control Center 		
 File a SAFECOM dent Notify ATGS, AOBD, LEI, IC sst/Unit/Region/State Notify FAO/UAM, Dispatch, GACC, Agency UAS Safety Manager Additional FAA guidance for law enforcement personnel can bund at: s://www.faa.gov/uas/resources/policy_library/media/FAA_UA 		
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UAS FLYAWAY

Approved UAS have built in failsafe systems. The aircraft will return to home to the identified launch and recovery zone in the event of low battery voltage or loss of link with the GCS. However, in a flyaway situation, the pre-set link procedures are not established or are not being executed by the unmanned aircraft, creating an emergency situation.

Action	Contact and Phone	Time Log
 Notify ATGS, aircraft in the area, and ground personnel (altitude, direction, battery life). Clear the affected airspace and suspend air operations in area. Notify flight following contact, AOBD, IC, and/or dispatch as required. If UAS will enter controlled airspace, notify the controlling agency. Wait for the duration of the fuel/battery load. 		
 Resume air operations. Search for the missing UAS. Follow established mishap reporting procedures based on damage and/or injury (See notifications below) 		
 File a SAFECOM Minimal damage to UAS and/or payload Notify AOBD, FAO/UAM, UAS AMS, RASM Total system loss of UAS and/or payloads (Not FAA reportable) Notify AOBD, FAO/UAM, Dispatch, GACC, Agency UAS Safety Manager Damage to personnel or property in addition to the UAS and payload (FAA reportable) Notify AOBD, FAO, Dispatch, GACC, Agency UAS Safety Manager, RAO, UAS Coordinator, and National 		
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AIRCRAFT CONFLICT INITIAL REPORT (UAS Intrusion) (Complete known information below. Attach additional narrative sheet if necessary.) Date/Time: Submitted By: Name/Position Phone: _____ Email: _____ **REPORTING PARTY (RP) INFORMATION:** (*if different from above*) **RP Location was** □ Airborne □ Ground Estimated Dist. from RP to Observed Aircraft: RP Location during observation: (Geographic Landmark, Incident Division, Latitude-Longitude, etc.) **TYPE OF CONFLICT or OBSERVATION** (Check one or more as applicable): ☐ Aircraft in general vicinity ☐ Near Mid-Air Collision ☐ In Military SUA or MTR ☐ TFR Intrusion ☐ Other: Estimated separation distance between aircraft: **AIRCRAFT INFORMATION: Observed Aircraft was operated by:** ☐ Military ☐ Civilian unknown Category: ☐ UAS ☐ Airplane ☐ Helicopter ☐ Ultralight ☐ Hang glider/Paraglider ☐ Other If a fixed wing/airplane: ☐ High-Wing ☐ Low-Wing ☐ Biplane ☐ Twin-tail booms ☐ V-tail ☐ Other ☐ unknown Engine Configuration: (Number and type of engines/rotors, Jet vs. Prop, etc.) Landing Gear: ☐ Fixed (Tricycle or Tailwheel) ☐ Retractable ☐ Floatplane ☐ Other ☐ unknown Paint Colors or Distinct Markings: (Include N #, if known) Approx. Altitude: ____ AGL Make/Model (if known): _____ **Observed Activity:** □ straight/level □ circling □ erratic maneuvering □ hover/slow flight If TFR Intrusion, **NARRATIVE**: Was a SAFECOM submitted? was FAA notified? ☐ Yes ☐ No ☐ Yes ☐ No (to be filed) SUPPLEMENTAL INFORMATION FOR UAS INTRUSION Type of UAS if known: Types of operations impacted: Approx. size **Types of Agency** Were Agency of UAS: (airtanker, bucket, aerial Aircraft Flying: Aircraft ☐ Fixed-Wing Grounded? ignition, recon. etc.) ☐ Helicopter ☐ Rotor-Wing ☐ Quad Copter ☐ Yes ☐ Fixed-Wing ☐ Other ☐ None □ No Was LE Officer Notified? ☐ Yes ☐ No Was UAS Operator Located? **UAS Operator description or** ☐ Yes ☐ No **Vehicle description** (if known): **Did LE contact Operator?** ☐ Yes ☐ No ☐ Unknown Name/Agency of LE Officer: If yes, by whom? Phone/Email: Describe nature of contact: **Status of Investigation** (if known): (Visual only, conversation, etc.) This report was submitted to the UAO/FAO, RASM, SAM, or other Aviation Manager, National Airspace Coordinator, and dispatch (specify names) ______ by: Name: Position: Phone: Email: Date and Time:



UAS MISHAPS

*NTSB/FAA Reportable

A UAS accident is defined by the National Transportation Safety Board (NTSB) as an occurrence associated with the operation of any public or civil UAS that takes place between the time that the system is activated with the purpose of flight and the time that the system is deactivated at the conclusion of its mission, in which any person suffers death or serious injury, or the UAS has a maximum gross takeoff weight of 300 pounds or greater and sustains substantial damage. In the case of a midair collision between a manned aircraft and a UAS that weighs less than 300 pounds in which no injuries were sustained, consideration should be given to the damage incurred to the manned aircraft to determine if the criteria for substantial damage to the manned aircraft has been met.

Time	Action	Contact and Phone	Time Log
Immediately at time of UAS mishap	 Notify ATGS, aircraft in the area, and ground personnel if applicable. Notify flight following contact, AOBD, and/or dispatch as required. 		
30 minutes	 Search and recover missing UAS. Do no delay notifications for search and recovery operations. Follow established mishap reporting procedures based on damage and/or injury (See below) Complete Aircraft Accident Checklist Do not delay notification if you do not have all the blocks filled. Provide as much information as you can and follow-up when additional info is available 		
Notifications	 File a SAFECOM Minimal damage to UAS and/or payload Notify AOBD, FAO/UAM, UAS AMS, RASM Total system loss of UAS and/or payloads (Not FAA reportable) Notify AOBD, FAO/UAM, Dispatch, GACC, UAS AMS, RASM Damage to personnel or property in addition to the UAS and payload (FAA reportable) Notify AOBD, FAO/UAM, Dispatch, GACC, UAS AMS, RASM, RAO, UAS Coordinator, UAS Program Lead 		
NTSB/FAA Reportable UAS Accident	 UAS Mishap Investigation Authorization (required) Aviation Mishap Investigation UAS Notification (Required) UAS Mishap Investigation Report (required) SAFECOM (required) UAS Mishap Investigation Board (optional) Note: Any UAS mishap may be investigated at the discretion of the Branch Chief Aviation Safety with consult from the UAS Program Manager. 		

AIRCRAFT ACCIDENT CHECKLIST

Has 911/Search and Rescue (SAR) been notified?

(Do not delay initial report by trying to fill in all the blanks)

1. Point of Contact Information (the person who will provide information and direct actions)				
a. Operational Control	: (agency/region/unit)			
b. Name:		d.	d. Duty Position:	
c. Phone Numbers:				
Work:	Cell:	e.	Address:	
Fax:	Home:	f.	E-mail:	
2. Accident Informat	ion	•		
a. Aircraft Registration	n/Tail Number:	Type of A	ircraft: Color:	
b. Date and Time of A	ccident:			
c. Location of Aircraft	(Grid, Lat/Log, Reference	to Known Po	oint):	
d. Hazardous Materials	s Involved? (Explosives, Ra	dioactive Ma	aterials, etc.):	
e. Accident Site Secure	ed?:	Pho	otos Taken?:	
f. NTSB & DOI/USFS ONLY: Flight Data Recorder Secured? (if applicable) Witnesses identified and statements requested? ELT Deactivated?				
g. Total Number of Pe	rsonnel Involved:			
h. Number of Fatalities	3:	Nu	mber of Injuries:	
3. Accident Descripti	on (type of mission, what h	nappened, we	ather, extent of damage, etc.)	
4. Admin Information				
a. Aircraft Owner:		b.	Operator:	
c. Pilot in Command:				
d. Point of Last Depart	ure:	e.	Destination:	
f. Route of Flight:		g.	Fuel/Battery:	
h. Nearest Commercia	l Airport:	i.	Suitable Helicopter Landing Site:	
j. Other				