

UAS COA APPLICATION

CONTACT/COMPANY INFORMATION			
Project Name		Company	
Point of Contact		Phone	Ext.
Address Line 1			
Address Line 2			Country
City		State	Zip Code
Alternative Phone		Ext.	Email
OPERATIONAL DESCRIPTION and REQUEST			
Beginning Date		End Date	Night Operation
Day Operations			
Briefly Describe Flight Objectives. Attach Additional Documentation (If Necessary):			
AIRCRAFT*			
Wingspan		Fuselage Length	Gross Takeoff Weight
Empty Weight			
Describe Propulsion System: *REQUIRED: Three-View Drawings or Three-View Dimensioned Photographs of the Aircraft Must Be Included with this Form.			
CONTROL STATION			
Autopilot Manufacturer			
Pilot Input to the Control System			
Autopilot Commands:			
What Spectrum will be used for the UAS?			
Spectrum Analysis Approval	Data-link	Frequency	Attach Approval Documentation (If Necessary)
	Control-link	Frequency	Attach Approval Documentation (If Necessary)
	If NOT Title 47 CFR 95	Frequency	
COMMUNICATION			
Frequency		Antenna	C2 Link
ATC COMMUNICATION			
Transmit/Receive	VHF	UHF	HF
Guard (Emergency) Frequency	VHF	UHF	
Instantaneous Two-way Voice Method	Direct-to-Pilot	SATCOM	Relay via Aircraft
UA PERFORMANCE CHARACTERISTICS			
Altitude: Maximum		Endurance: Maximum	Range: Maximum
Airspeed: Maximum		Cruise Speed	Stall Speed
Rate of Climb: Maximum		Rate of Descent: Maximum	Bank Angle: Maximum
Turn Rate Limits		FAST Range UAS COA Application Page 1 of 3	

UAS COA APPLICATION

ENVIRONMENTAL LIMITATIONS

Wind Speed	Headwind	Crosswind	Gusts
Turbulence Restrictions		Outside Air Temperature (OAT) Limits	

PAYLOAD CAPACITY

Internal Payload Capacity	External Payload Capacity
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PROCEDURES

Launch/Recovery Procedures. Attach Additional Documentation (If Necessary):

Lost-link/Mission Procedures. Attach Additional Documentation (If Necessary):

Lost Communication Procedures (Between Control Station and Aircraft). Attach Additional Documentation (If Necessary):

Emergency Procedures. Attach Additional Documentation (If Necessary):

AVIONICS/EQUIPMENT

Is the UA Equipped with a Transponder?

Which Functions can be Selected in Flight?

Transponder Capabilities	On	Off	Standby	Ident	Mode S	Mode C
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UAS COA APPLICATION

LIGHTS

Landing Lights	Position/Navigation	Anti-collision	Infrared (IR)
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ELECTRONIC SURVEILLANCE/DETECTION

Onboard Aircraft	Weather/Icing Detection	Onboard Radar
	Describe Icing Detection Capability: _____	
	Describe any UA Icing Protection Capability: _____	
	Electronic Detection System	
	Describe Electronic Detection System: _____	
Ground Based	Radar Observation (ATC, etc.)	

VISUAL SURVEILLANCE/DETECTION

Visual Observer(s)	Maximum Distance from UA: Vertical _____ and Horizontal _____	
	Airborne Based (Chase Aircraft)	Ground Based
	Visual Observation from One or More Ground Sites	Forward or Side Looking Cameras

PERFORMANCE RECORDING

Flight Data Recording	Control Station Recording	Voice Recording
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AREA OF OPERATION

Describe. Attach Additional Documentation (If Necessary):

FLIGHT AIRCREW

Qualifications. Attach Additional Documentation (If Necessary):

OTHER GOALS/MITIGATIONS

Describe, Attach Additional Documentation (If Necessary):
