

WARNING: This correspondence may contain Sensitive Security Information and attachments that are controlled under 49 CFR 15 and 1520. No part of this correspondence may be disclosed to persons without a "need to know", as defined in CFR parts 15 and 1520, except with the written permission of the Administrator of the Transportation Security Administration or the Secretary of Transportation. Unauthorized release may result in civil penalty or other action. For U.S. government agencies, public disclosure is governed by 5 U.S.C 552 and 49 CFR parts 15 and 1520.

ADDENDUM TO CERTIFICATE OF AUTHORIZATION (COA) 2009-WSA-92.

ISSUED TO: Department of Homeland Security (DHS), U.S. Customs and Border Protection (CBP)

DESCRIPTION: The U.S. Customs and Border Protection are using a Predator B Unmanned Aircraft System (UAS) in support of their National Security Mission (b) (7)(E).
(b) (7) The complete UAS operational area is defined in the primary COA, 2009-WSA-92. CBP (b) (7)(E)

DATES OF USE: This addendum is valid 3-17 Nov, 2011.

PROCEDURES:

This procedure supplements, the special provisions contained in the primary COA.

1. CBP is authorized to operate in (b) (7) airspace designated as (b) (7)(E) (b) (7)(E) area is depicted in red), at altitude(s) (b) (7)(E) as assigned by Air Traffic Control (b) (7)(E) is defined as:

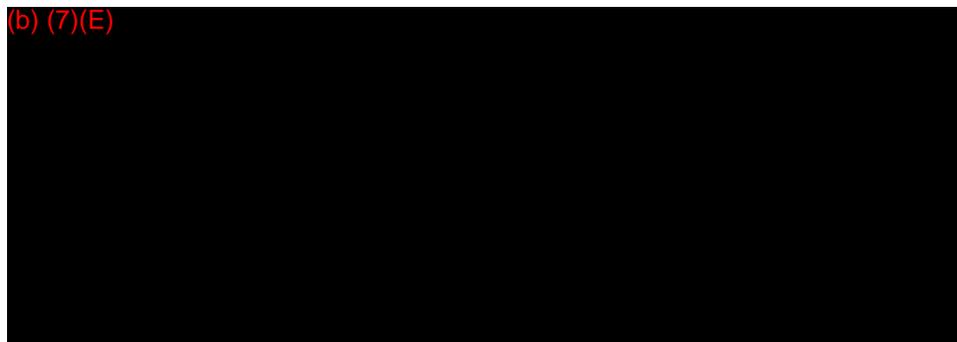
(b) (7)(E)	(b) (7)(E)		

2. (b) (7)(E)
3. Entry and exit into (b) (7)(E) airspace shall be from (b) (7)(E)
4. Transition from (b) (7)(E) as assigned by ATC. The route of flight (attachment 2) to (b) (7)(E) airspace shall be as follows:

ROUTE

- WP1 (b) (7)(E)
- WP2
- WP3
- WP4
- WP5

WP6
WP7
WP8
WP9
WP10
WP11
WP12



And return to (b) (7)(E) via route in reverse.

5. Flight Termination Point (FTP) (b) (7)(E) AOR are as follows:

Point	FTP/LOST LINK	FIX RADIAL DISTANCE/FRD
1	(b) (7)(E)	(b) (7)(E)
2	(b) (7)(E)	(b) (7)(E)
3	(b) (7)(E)	(b) (7)(E)
4	(b) (7)(E)	(b) (7)(E)
5	(b) (7)(E)	(b) (7)(E)
(b) (7)(E)	(b) (7)(E)	(b) (7)(E)
6	(b) (7)(E)	(b) (7)(E)
7	(b) (7)(E)	(b) (7)(E)
8	(b) (7)(E)	(b) (7)(E)

6. Lost Link Procedures

FLIGHT TERMINATION, LOST LINK, LOST COMMUNICATION PROCEDURES

EVENT	FLIGHT TERMINATION	LOST LINK	LOST COMMUNICATIONS
<p>CONDITIONS</p>	<ul style="list-style-type: none"> • Emergency situation. • Unable to sustain flight and return to base. 	<ul style="list-style-type: none"> • Emergency situation • Loss of command uplink, downlink, or both links between the ground control station and the UA. 	<ul style="list-style-type: none"> • Loss of radio communications between the PIC and ATC (b) (7)(E)
<p>PROCEDURES</p>	<p>In the event of Flight Termination, the PIC (b) (7)(E)</p> <p><i>NOTE: As with manned aircraft operations, the UA may not be able to proceed in a controlled fashion to the flight termination location.</i></p> <p>Inform ATC of the following as soon as possible:</p> <ul style="list-style-type: none"> • (b) (7)(E) • (b) (7)(E) • (b) (7)(E) 	<p>In the event of a Lost Link condition, the PIC (b) (7)(E)</p> <p>Inform ATC of the following as soon as possible:</p> <ul style="list-style-type: none"> • (b) (7)(E) • (b) (7)(E) • (b) (7)(E) • (b) (7)(E) 	<p>In the event of Lost Radio Communications between the PIC and ATC, the PIC (b) (7)(E)</p> <ul style="list-style-type: none"> • (b) (7)(E) • (b) (7)(E)

EVENT	FLIGHT TERMINATION	LOST LINK	LOST COMMUNICATIONS
PROCEDURES		<p>(b) (7)(E)</p> <p>DURING TRANSIT:</p> <ul style="list-style-type: none">• (b) (7)(E)• (b) (7)(E)• (b) (7)(E) <p>(b) (7)(E) LOST LINK:</p>	

EVENT	FLIGHT TERMINATION	LOST LINK	LOST COMMUNICATIONS
		<p>• If Lost Link occurs (b) (7)(E) [REDACTED]</p> <p>(b) (7)(E) [REDACTED] the PIC must coordinate with ATC (and AMOC as required) (b) (7)(E) [REDACTED]</p>	

6. CBP shall (b) (7)(E) [REDACTED]
7. CBP shall (b) (7)(E) [REDACTED]
8. CBP shall (b) (7)(E) [REDACTED]

9. Contact information for CBP UAS flight operations:

- a. CBP (b) (7)(E) Command Duty Officer
- b. Air and Marine Operations Center (AMOC)

(b) (7)(E)
(b) (7)(E)

Approved by (b) (7)(E)

Debra Trindle for

Dean E. Fulmer
November 1, 2011

Attachment 1

(b) (7)(E) operations area (b) (7)(E) as assigned by Air Traffic Control (b) (7)(E) is defined as:

(b) (7)(E)		(b) (7)(E)

(b) (7)(E)

(b) (7)(E)

