

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION	
CERTIFICATE OF WAIVER OR AUTHORIZATION	
ISSUED TO City of Chula Vista	POC PHONE NUMBER [REDACTED]
ATTN: Michael StClair [REDACTED]	
This certificate is issued for the operations specifically described hereinafter. No person shall conduct any operation pursuant to the authority of this certificate except in accordance with the standard and special provisions contained in this certificate, and such other requirements of the Federal Aviation Regulations not specifically waived by this certificate.	
OPERATIONS AUTHORIZED Operations under this certificate of authorization are limited to the maximum altitude listed below. This altitude is an absolute value and it shall not be added to the height of any structures. Class of Airspace: D and E At or Below: 400 feet Above Ground Level (AGL) Within the Area Depicted in Attachment 1 Under the Jurisdiction of: NOLF Imperial Beach, Southern California TRACON (SCT) and Brown FCT (SDM) Airport Identifiers: (NRS) (NZY) and (SDM)	
LIST OF WAIVED REGULATIONS BY SECTION AND TITLE N/A	
STANDARD PROVISIONS	
1. A copy of the application made for this certificate shall be attached and become a part hereof. 2. This certificate shall be presented for inspection upon the request of any authorized representative of the Federal Aviation Administration, or of any State or municipal official charged with the duty of enforcing local laws or regulations. 3. The holder of this certificate shall be responsible for the strict observance of the terms and provisions contained herein. 4. This certificate is nontransferable.	
Note-This certificate constitutes a waiver of those Federal rules or regulations specifically referred to above. It does not constitute a waiver of any State law or local ordinance.	
SPECIAL PROVISIONS	
Special Provisions 1 thru 5, inclusive, are set forth in this authorization.	
This certificate 2017-P107-WSA-12091 (Revision 1) is effective from December 30, 2017 to June 30, 2018 and is subject to cancellation at any time upon notice by the Administrator or his/her authorized representative.	
BY DIRECTION OF THE ADMINISTRATOR	
<u>FAA Headquarters, AJV-115</u> (Region)	Scott J. <small>Digitally signed by Scott J. Gardner Date: 2017.12.28 10:30:28 -05'00'</small> <u>Scott J. Gardner</u> (Signature)
<u>December 28, 2017</u> (Date)	<u>Acting Manager, UAS Tactical Operations Section</u> (Title)

SPECIAL PROVISIONS

1. CONTACT INFORMATION:

- a. Michael StClair must maintain a current list of pilots by name and the remote pilot certificate number(s) associated with the Authorization holder's operation. This list must be presented for inspection upon request from the Administrator or an authorized representative.
- b. Michael StClair is the person designated as responsible for the overall safety of UAS operations under this Certificate of Waiver or Authorization. During UAS operations for on-site communication/recall, the Responsible Person shall be continuously available for direct contact at [REDACTED] by NOLF Imperial Beach Airport Traffic Control (ATC)/Base Operations, Southern California TRACON (SCT) and Brown FCT (SDM) or designated representative.

2. SCHEDULE OF FLIGHT OPERATIONS: (NOLF Restrictions and Obligations Apply **ONLY** when Operations will be conducted **in NRS Class D airspace**)

- a. Night operations authorized at the altitude stated in this authorization and in accordance with Special Provisions established in 14 CFR § 107.29 Daylight operation waiver [107W-2016-01678].
- b. [When Operating in Southern California TRACON (SCT) Class E and Brown FCT (SDM) Class D airspace] This airspace authorization does not relieve the remote pilots from the responsibility to check the airspace they are operating in and comply with all restrictions that may be present in accordance with see 14 CFR 107.45 and 107.49 (a)(2), such as restricted and Prohibited Airspace, Temporary Flight Restrictions, etc.
- c. This authorization does not give permission to enter the Temporary Flight Restriction (TFR), Special Security Instruction (SSI) that overlies NOLF Imperial Beach. Location and contact information for the TFR SSI is depicted on the FAA website: <http://uas-faa.opendata.arcgis.com/>. Proponent must request permission and receive authorization via the contacts listed on the website prior to entering the TFR SSI.
- d. To prevent sUAS contact with Special VFR (SVFR) operations, sUAS operations are not authorized in airspace under the jurisdiction of NOLF Imperial Beach when there is a ceiling of less than 1,000 feet AGL and/or visibility less than 3 sm without specific authorization from NOLF Imperial Beach ATC. These requests will be considered on a case by case basis.

- e. [When operating in SCT Class E and Brown FCT Class D airspace] To prevent sUAS contact with Special VFR (SVFR) operations, sUAS operations are not authorized when there is a ceiling of less than 1,000 feet AGL.
- f. If this authorization was granted using UAS Facility Map altitudes, prior to each operation the proponent must verify the current altitude allowed by the **NOLF Imperial Beach** UAS Facility Map for the requested flight area. UAS Facility Maps are published at <http://uas-faa.opendata.arcgis.com/>.
- g. Photographing and/or video recording military installations or equipment without obtaining permission from the installation commanding officer is prohibited by Federal Law.
- h. NOLF Imperial Beach ATC/Base Operations, Southern California TRACON (SCT) and Brown FCT (SDM) may deny, terminate, restrict, or delay UAS flight operations covered by this authorization at any time.
- i. [When operating in SCT Class E airspace] The operator is responsible for reviewing the published UASFM at <http://uas-faa.opendata.arcgis.com/> prior to each flight to ensure that no changes have been made to the map, i.e., altitude changes, airspace modifications, etc. **If you need to operate at an altitude that is not in accordance with the published UASFM, you must apply for a new authorization requesting that altitude.**

3. COORDINATION AND COMMUNICATION REQUIREMENTS

- a. Operator shall contact NOLF Imperial Beach ATC/Base Operations no less than 30 minutes prior to flight(s) to secure ATC permission to commence flight operations at 619-545-8233, and confirm the following:
 - (1) COA number
 - (2) Primary telephone number of the pilot in command.
 - (3) Schedule of flight (time and duration)
 - (4) Location where flight will occur (coordinate and radius)
 - (5) Altitude
 - (6) Verify current weather (ceiling/visibility)
 - (7) Communication requirements
- b. Operator may be required to maintain direct two-way radio communication with ATC, and if required must comply. When necessary, the ATC frequency will be provided to operator during the ATC notification call prior to flight.
- c. Operator shall notify NOLF Imperial Beach ATC/Base Operations immediately upon completion of UAS flight operations at 619-545-8233.

4. EMERGENCY/CONTINGENCY PROCEDURES - Lost Link/Lost Communications Procedures:

- a. Lost Link and Fly Away Procedures: In the event of a lost link and / or fly away, the UAS pilot shall immediately notify NOLF Imperial Beach ATC/Base Operations at 619-545-8233 and state the following:
 - (1) UA Altitude
 - (2) UA last known location
 - (3) Direction of flight/heading
 - (4) Fuel on board/battery time
 - (5) Pilot's intentions
 - (6) Termination of flight/emergency condition
- b. If the UAS loses communications or loses its GPS signal, the UA must return to a pre-determined location within the operating area and land.
- c. The PIC must abort the flight in the event of unpredicted obstacles or emergencies.

5. ADDITIONAL INSTRUCTIONS

Operator shall contact NOLF Imperial Beach Base Operations 3 working days prior to schedule proposed operations at 619-545-8233, and provide the following: COA Number and requested time, duration, location, and altitude of the requested flight.

Attachment 1

Operations Area
NRS & SDM Class D Airspace
SCT Class E Airspace
At or below 400 feet AGL

Within the Area Depicted by the Following Coordinates:

Northwest - 32°36'25" N / 117°05'40" W

Southwest - 32°35'41" N / 117°05'28" W

Southeast - 32°35'34" N / 117°00'45" W

Northeast - 32°37'34" N / 117°02'15" W



CIVIL PART 107 AUTHORIZATION, NOVEMBER 7, 2017