

DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

**CERTIFICATE OF WAIVER OR AUTHORIZATION**

ISSUED TO

Hanger Technology  
ATTN: Peter Sanderson

POC Phone Number

802-376-9315

ADDRESS

5001 Plaza On The Lake, Austin, TX 78746

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

Unmanned Aircraft Systems operations in accordance with Title 14 CFR Part 107.41, except "Operating limitations for small unmanned aircraft" Part 107.51 b (2) are limited to the altitude listed below.  
Class of Airspace: Class C airspace in the vicinity of San Antonio International Airport (SAT)  
Altitudes as specified in special provisions  
Under the jurisdiction of: San Antonio Air Traffic Control Tower (ATCT)

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

**107.41 Operations in certain airspace**

**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 4 inclusive are set forth on page 2 & 3 of this waiver.

This certificate 2016-ATO-P107-00179 is effective from March 15, 2017, to March 14, 2019, inclusive, and is subject to cancellation at any time upon notice by the Administrator or his/her authorized representative.

BY DIRECTION OF THE ADMINISTRATOR

FAA Headquarters, AJV-115  
(Region)

*M. Randy Willis*  
Randy Willis  
(Signature)

March 8, 2017  
(Date)

Manager, Emerging Technologies Team (AJV-115)  
(Title)

## SPECIAL PROVISIONS

### 1. CONTACT INFORMATION:

- a. The Responsible Person, Peter Sanderson, for Hanger Technology is directly responsible for safety of operations conducted under this Waiver and will ensure the remote PIC and VO comply with all provisions of this Waiver.
- b. This Waiver must not be combined with any other waiver(s), authorizations(s), or exemption(s) without specific authorization from the FAA.
- c. The FAA has the authority to cancel or delay any or all flight operations if the safety of persons or property on the ground or in the air, are in jeopardy or there is a violation of the terms of this Waiver.
- d. The Responsible Person listed on this Waiver must maintain a current list of pilots by name and remote pilot certificate number used in the Waiver holder's operations. This list must be presented for inspection upon request from the Administrator or an authorized representative.
- e. The Responsible Person listed on this Waiver must maintain a current list of small unmanned aircraft (sUA) by registration number(s) used in the Waiver holder's operations. This list must be presented for inspection upon request from the Administrator or an authorized representative.
- f. The Responsible Person shall ensure there is a means for immediate communication with the PIC during UAS operations if ATC deems necessary.

### 2. SCHEDULE OF FLIGHT OPERATIONS:

This Certificate of Waiver or Authorization and the Special Provisions shall be in effect from March 15, 2017 through March 14, 2019, **between sunrise and sunset local time.**

### 3. OPERATIONS:

- a. UAS operations conducted in SAT Class C shall be in accordance with the following
  - i. **Area 1:** No UA operations are authorized.
  - ii. **Area 1a:** UA operations are authorized at or below 100' Above Ground Level (AGL). This operating area contains helicopter ingress and egress activity for the South Texas Medical Center, the proponent should be aware of the possibility of significant helicopter traffic in the area.

- iii. **Area 2 and 2a:** UA operations are authorized at or below 100' AGL.
- iv. UA operations in all other areas within SAT Class C are authorized at or below 350' AGL.

- b. PIC must monitor San Antonio tower frequency 119.8 at all times during UA operations.
- c. San Antonio tower retains the right to deny the operation if they believe, based on current conditions, the safety of aircraft in the vicinity could be compromised.

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

- a. 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.
- b. The PIC must abort the flight in the event of unpredicted obstacles or emergencies.

**ATTACHMENT 1**

**Operations Area**  
SAT Class C Airspace

