

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
CERTIFICATE OF WAIVER

ISSUED TO

Kraus Hamdani Aerospace Inc
Responsible Person: Tim Wells
Waiver Number: 107W-2025-01718

ADDRESS –

5515 Doyle St, STE 15
Emeryville, CA 94608

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 provisions contained in this certificate.

OPERATIONS AUTHORIZED

sUAS operations higher than 400 feet above ground level, when not within a 400 foot radius of a structure.

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

14 CFR § 107.51(b)—Operating limitations for small unmanned aircraft - Altitude

STANDARD PROVISIONS

1. A copy of the application made for this certificate shall be attached to and become a part hereof.
2. This certificate shall be presented for inspection upon the request of any authorized representative of the Administrator 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 Nos. 1 to 20, inclusive, are set forth on the attached pages.

This Certificate of Waiver is effective from August 5, 2025, to July 31, 2027, and is subject to cancellation at any time upon notice by the Administrator or an authorized representative.

BY DIRECTION OF THE ADMINISTRATOR

FAA, Central Service Area
(Region)

Dallas W. Lantz
(Signature)

Tactical Operations Team Manager (AJV-C23)
(Title)

SPECIAL PROVISIONS ISSUED TO

Kraus Hamdani Aerospace Inc

General.

The FAA's Flight Standards Service has reviewed your application to ensure compliance with the requirements of 14 CFR § 107.200 and § 107.205. Pursuant to these authorities, the Administrator finds that the proposed small unmanned aircraft (sUA) operation can be conducted safely under the provisions of this Certificate of Waiver (Waiver) as listed below because you have established adequate mitigations for risks involved with operating your sUA in the manner you described. Adherence to the provisions of this Waiver establishes the required level of safety within the national airspace system.

The Administrator may cancel this Waiver at any time. As a general rule, this Waiver may be canceled when it is no longer required, there is an abuse of its provisions, or when unforeseen safety factors develop. Failure to comply with any provision listed below is a violation of the terms of this Waiver and will serve as justification for cancellation.

List of Regulations Waived by Section and Title. The following regulations are waived:

14 CFR § 107.51(b), Operating limitations for small unmanned aircraft - Altitude, is waived to allow sUAS operations higher than 400 feet above ground level (AGL), not to exceed 2000 feet AGL.

No part of this waiver will function as an airspace authorization under 14 CFR § 107.41. The FAA's Air Traffic Organization responds directly to requests for such authorizations. The LAANC system may not be used for Airspace Authorizations for Waivered Operations.

Common Special Provisions. The Responsible Person is directly responsible for safety of operations conducted under this Waiver and will ensure the Remote Pilot in Command (remote PIC), manipulator of the controls, and visual observer(s) (VO)¹ comply with all provisions of this Waiver.

1. The Responsible Person listed on the Waiver is responsible to the FAA for the safe conduct of the operations. Prior to conducting operations that are the subject of this Waiver, the Responsible Person:
 - a. Must ensure the remote PIC, manipulators of the controls, and VO(s) are informed of the terms and provisions of this Waiver and strictly observe the terms and provisions herein;
 - b. Must ensure the remote PIC, manipulators of the controls, and VO(s) are informed and familiar with part 107 regulations; and
 - c. Evidence of the above (a and b) must be documented and must be presented for inspection upon request from the Administrator or an authorized representative;
2. This Waiver may not be combined with any other waiver(s), authorizations(s), or exemption(s) without specific authorization from the FAA;
3. 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;

¹ Title 14 CFR § 107.3 defines the term "visual observer." Any VO participating in operations conducted under this Waiver must meet the requirements listed in § 107.33 throughout the duration of flight operations.

4. A copy of this Waiver must be accessible and available to the remote PIC at the ground control station during sUA operations that are the subject of this Waiver;
5. The Responsible Person listed on this Waiver must maintain a current list of pilots by name and remote pilot certificate number used in operations under this Waiver. This list must be presented for inspection upon request from the Administrator or an authorized representative;
6. The Responsible Person listed on this Waiver must maintain a current list of sUA by registration number(s) used in operations under this Waiver. This list must be presented for inspection upon request from the Administrator or an authorized representative;
7. For the purposes of this Waiver, direct participants are the remote PICs, persons manipulating the controls, VOs, and any persons whose involvement is necessary for safety of the sUA operation. All other persons are considered non-participants;
8. If a discrepancy exists between the provisions in this Waiver and the waiver application, the Waiver takes precedence and must be followed;

Operations higher than 400 feet AGL Special Provisions sUAS operations may be conducted above 400 feet AGL, not to exceed 2000 feet AGL, provided:

9. Operations may not be conducted at night or during civil twilight, as defined in 14 CFR § 1.1 and § 107.29(c), respectively;
10. NOTAM: The Responsible Person must file a Notice to Airmen (NOTAM) no more than 72 hours and no less than 24 hours prior to operating under this waiver. A NOTAM can be filed by calling 1-877-487-6867 (1-877-4-US-NTMS). The Responsible Person must verify the NOTAM has been issued prior to conducting waived operations;
11. Altitude and Range Operational Parameters: The sUA must not exceed:
 - a. **2000** feet above ground level (AGL); and
 - b. Must remain within the confines of the defined operational area;

12. Visual Observers: All operations conducted under this Waiver must use one or more VO as described in the waiver application:
- a. All VOs must receive documented training for their duties and responsibilities to include;
 - 1) Scanning of the Operational Volume for Air and Ground based intruders;
 - 2) Communications procedures and phraseology;
 - 3) Overall operations conducted under this Waiver;
 - b. Sufficient VO(s), defined as the minimum number of VO(s) required to continuously observe at least a 2 statute mile radius of airspace surrounding the sUA in flight, are;
 - 1) Used to identify any non-participating aircraft prior to their entry into the planned operational area;
 - 2) Physically located such that the remote PIC receives sufficient notice to ensure the UA remains well clear of all other aircraft;
 - 3) Physically located to notify the remote PIC of any moving vehicle or human presence that may pose a hazard to the operation;
 - c. Communication between the remote PIC and VO must occur to facilitate, when necessary, for the remote PIC taking action to maneuver the sUA with sufficient time to:
 - 1) Give way to all other aircraft in accordance with § 107.37;
 - 2) React to any unforeseen operational or mechanical failure without creating a hazard to other people, other aircraft, or property in the event of a loss of control of the sUA; and
 - 3) Maintain compliance with this Waiver and un-waived provisions of part 107;
 - d. If communication between the VO and the remote PIC will occur by electronic device:
 - 1) The device must be continuous full-duplex;
 - 2) The remote PIC must be able to use the device hands-free; and
 - 3) There must be a reliable back-up communication method;
13. Prior to commencing operations under this waiver, the Responsible Person must provide a copy of this waiver to the following local entities for their awareness:
- a. The geographically responsible FAA Flight Standards District Office (FSDO). FSDOs can be located using this web page: https://www.faa.gov/about/office_org/field_offices/fsdo;
 - b. Law enforcement (LE) aviation units, agricultural aircraft operators, tour operators, helicopter emergency medical services (HEMS) operators, and other helicopter operators who routinely operate in the local area, and
 - c. Military representative (MILREP). Use the applicable regional service center email address below:
 1. CSC MILREPs: ASW-CSA-MILREPS@faa.gov
 2. ESC MILREPs: ESA-MILREPS@faa.gov
 3. WSC MILREPs: ANM-WSA-MILREPS@faa.gov;
14. Radio Communications: If two way communication on Air Traffic frequencies is conducted the remote PIC must:
- a. Hold an appropriate FCC Ground Station operators license;
 - b. Provide a copy of this Waiver to local ATC for towered airports;
 - c. Monitor the local aircraft frequency radio channels within a 3sm radius of a non-towered airport and announce the initiation and termination of operations, location, and operational altitude;
 - d. Communicate with ATC when within the control radius of a towered airport and monitor the local aircraft frequency; and
 - e. Use the phraseology and protocol as described in FAA Joint Order JO 7110.65x Section 4;
15. Anti-Collision Lighting: The sUA must be equipped and operated with anti-collision lighting to increase the conspicuity of the sUA to 1 statute mile for daytime operations;

16. ADS-B Out Operational Requirements:

- a. sUA must be Registered in accordance with 14 CFR Part § 47 and comply with the identification and registration marking requirements in subparts A and C of Part § 45;
- b. ADS-B in and out (1090MHz) must be operational and transmitted from the sUAS when operating under this Waiver; and
- c. Operations are restricted to Class G Uncontrolled Airspace only;

17. ADS-B Out Equipment Requirements:

- a. The ADS-b Transceiver must meet applicable TSO requirements
 - 1) Mode S Transponder TSO-C112e;
 - 2) 1090ES Transmitter TSO-C166b;
 - 3) Altitude Encoder TSO C-88b;
 - 4) GPS/SBAs TSO-C145e);
- b. The Transponder Four Digit Squawk Code must be set to "1200";
- c. The installation of a baro-altimeter is required and in compliance with the inspection requirements of 14 CFR Part § 91.411. A corresponding log entry must be made in compliance with this Waiver; and
- d. The transceiver equipment used for ADS-B reporting must be in compliance with 14 CFR Part § 43 appendix E & F. A corresponding log entry must be made in compliance with this Waiver; and

18. Operations Area: Operations conducted under this Waiver are limited to the location as described in this Altitude Waiver application (coordinates and images follow).

OPERATING AREA AND AIR TRAFFIC CONTROL REQUIREMENTS

19. Operations Area: Operations conducted under this Waiver are limited to Class E and G airspace at or below 2000 feet AGL in the vicinity of Douglas, AZ under the jurisdiction of Albuquerque Air Route Traffic Control Center (ZAB) as depicted and defined in Attachments 1 – 2.

20. Coordination with ATC is not required.

Attachment 1

Operations Area: Operations conducted under this Waiver are limited to Class E and G airspace in the vicinity of Douglas, AZ.

Altitude: At or Below 2000 feet AGL

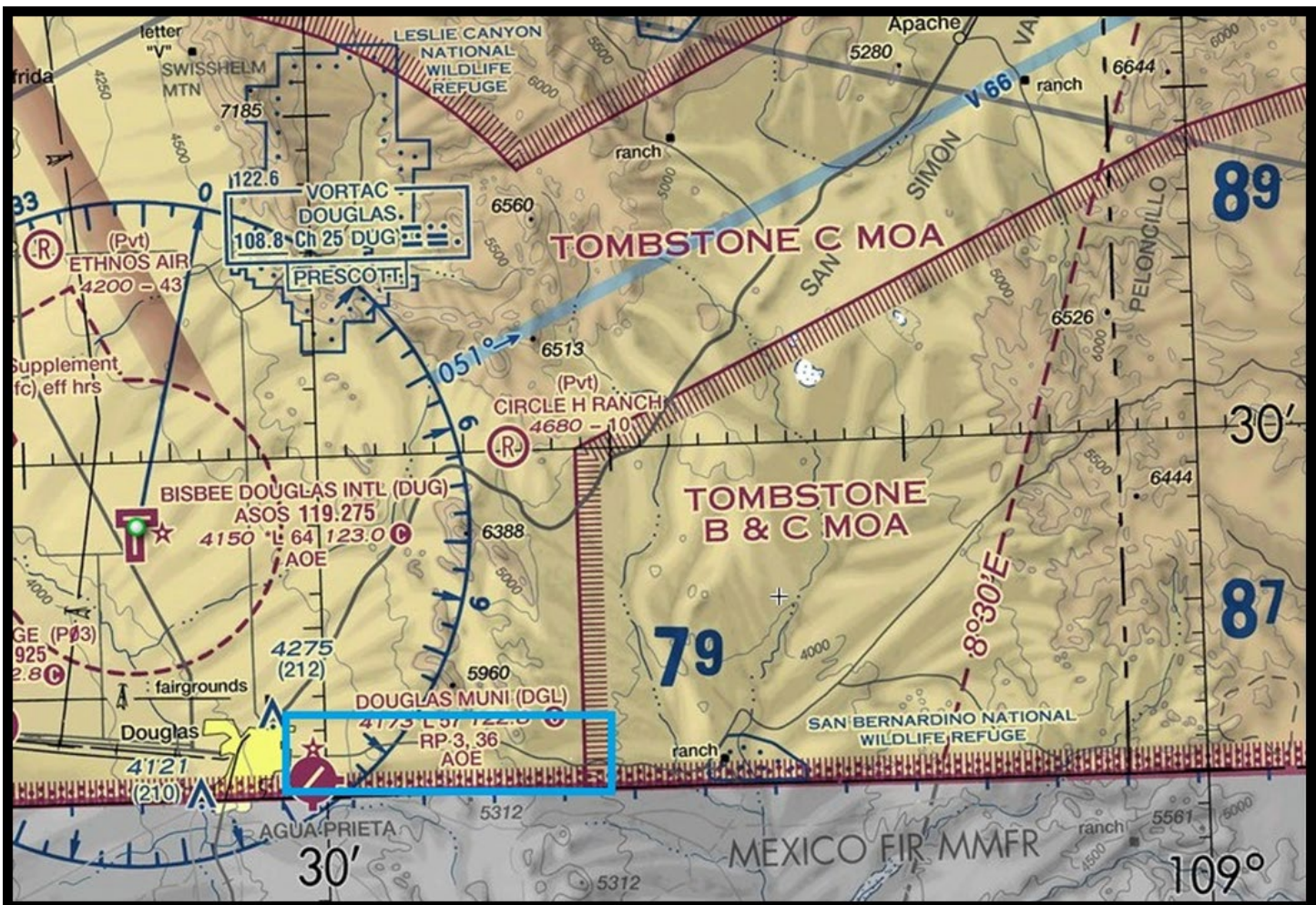
Location: Within the blue shaded polygon as depicted and defined below:

SE Corner: LAT 31° 20' 03.61"N, LONG 109° 21' 12.88"W

NE Corner: LAT 31° 21' 22.16"N, LONG 109° 21' 12.55"W

NW Corner: LAT 31° 21' 21.19"N, LONG 109° 30' 39.53"W

SW Corner: LAT 31° 20' 02.94"N, LONG 109° 30' 41.22"W



Attachment 2

Operations Area: Operations conducted under this Waiver are limited to Class E and G airspace in the vicinity of Douglas, AZ.

Altitude: At or Below 2000 feet AGL

Location: Within the red/green shaded polygon as depicted and defined below:

SE Corner: LAT 31° 20' 03.61"N, LONG 109° 21' 12.88"W

NE Corner: LAT 31° 21' 22.16"N, LONG 109° 21' 12.55"W

NW Corner: LAT 31° 21' 21.19"N, LONG 109° 30' 39.53"W

SW Corner: LAT 31° 20' 02.94"N, LONG 109° 30' 41.22"W

