Application for Unmanned Aircraft Systems (UAS)
Commercial Drone Companies and Civil Users

Permit # _____

Commercial Companies and Civil UAS operators must have a fully-executed Operating Agreement with the University of Nebraska-Lincoln prior to any and all UAS services conducted on or above property owned or controlled by the University.

Required Data Elements

UNL Project Leader

Name _____
Email _____
Campus Phone Number _____
Emergency Contact Number (Cell) _____

UNL Department

Department Name _____
Campus Address _____
City/State/Zip _____
Phone Number _____
Email _____

Commercial Company or Civil UAS User

Name _____
Street Address _____
City/State/Zip _____
Phone Number _____
Email _____

Project Summary

A. Justification or Purpose

1 Purpose of Use (Check all applicable uses)

- ☐ Advertising/Marketing
- ☐ Aerial Testing/Demonstration
- ☐ Atmospheric/Weather Research
- ☐ Building Maintenance/Real Estate Sales
- ☐ Cargo/Freight Carrying
- ☐ Construction/Engineering/Industrial
- ☐ Crop Management/Extension
- ☐ Education/Training
- ☐ Other uses not indicated above (explain)
- ☐ Public Safety - Police, Fire, Emergency Management
- ☐ Homeland Security/Military (Non-combat)
- ☐ Mapping
- ☐ Photography/Video/Film Prod./Marketing/Communication
- ☐ Pipeline/Powerline Patrol
- ☐ Surveillance
- ☐ Thermal Imagery/Ground Sensing
- ☐ Wildlife Observation

_____

2 Describe specific objectives of UAS use, including the type of data, photos or video to be collected

_____

3 Describe how the UAS achieves these objectives

_____

4 Identify the authority under which UAS operations will be conducted (COA, 333 Exemption, SAC, Authorization from requisite foreign civil aviation authority, or Part 107)

_____

B. Proposed Aircraft Type and Weight

1 Aircraft platform (aircraft type [fixed wing, etc.] _____
2 Make and Model _____
3 Registration Number (if applicable)

4 Manufacturer Serial Number _____

If aircraft has no registration number or manufacturer's serial number, please describe how aircraft can be positively identified in the event of an incident, accident, or claim

_____

5 Date Purchased _____

6 New or Used _____

7 Price Paid _____

8 Present Estimated Value with all attached equipment/and any modifications made since purchase _____

9 Aircraft Type (check all that apply)

☐ Fixed-wing ☐ Glider

☐ Rotor-wing ☐ Single-engine

☐ Balloon ☐ Multi-engine

10 Does this aircraft burn combustible fuel?

☐ Yes, type ☐ No

11 Normal Control

☐ Manually flown ☐ Semi-autonomous ☐ Fully autonomous

12 Type of launch

☐ Traditional takeoff ☐ Hand ☐ Rail

☐ Other (please describe) _____

13 Type of recovery

☐ Traditional landing ☐ Net/Line capture ☐ Parachute

☐ Other (please describe) _____

14.1 Weight of UAS (Specify lb) _____

14.2 Maximum Gross Take-off Weight (including installed/carried equipment & payload [Specify lb/Kg]) _____

15 Wingspan/Rotor Diameter (Specify cm, in, feet, or meters) _____

16 Maximum Endurance (in hours) _____

17 Maximum Operating Altitude (in feet) _____

18 Maximum Range (Specify feet, yards, meters, miles, or kilometers) _____

19 Maximum Speed (in nautical mile per hour) _____

20 Does UAS have the ability to independently detect/avoid other aerial traffic? ☐ Yes ☐ No

21 In the event of a lost link between the ground control station and the aircraft, does the UAS contain an automated recovery program that allows for it to safely return to a predetermined point?

☐ Yes ☐ No

22 Are there redundancies built in for the aircraft's propulsion system? ☐ Yes ☐ No

23 Are there redundancies built in for the aircraft's flight control surfaces? ☐ Yes ☐ No

24 Are there redundancies built in for the aircraft's navigation/communication systems?

☐ Yes ☐ No

25 Aircraft Manufacturer's website _____

26 Website (e.g., YouTube) where video of UAS can be viewed _____

27 Associated payload (example: number and types of cameras, etc.)

_____

28 Describe manufacturer's aircraft and payload specifications

_____

29 Describe your preventive maintenance plan, general repair practices, and sourcing for replacement parts

_____

30 Identify the owner of the aircraft _____

C. UAS Operator Information

UAS Operator information is required for EACH Operator. (Duplicate this section as necessary for multiple operators.) Attach a copy of your pilot/remote pilot certification as required by the FAA (Exhibit D). Complete the reaminder of Section C ONLY IF the UAS being operated is owned by the University of Nebraska.

1 UAS Operator Name _____

2 UAS Operator Emergency Contact Phone Number at Time of Flight _____

3 Indicate the qualifications of each operator.

a Is the operator a certificated pilot? ☐ Yes ☐ No

b If a certificated pilot:

Airman Certificate Number _____

Limitations _____

c CURRENT PILOT CERTIFICATES AND RATINGS

☐ Student: Since (date) _____

☐ Private ☐ Commercial

☐ Airline (ATP) ☐ Rotocraft

☐ Instrument _____

☐ Single Engine – Land ☐ Single Engine – Sea ☐ Center Line Thrust

☐ Multi-Engine-Land ☐ Multi-Engine – Sea

☐ Instructor Type Rated in (type of aircraft) _____

☐ Glider ☐ Light Sport Aircraft ☐ A&P Mechanic

☐ Other _____

d If not a certificated pilot, does the operator hold a Part 107 Remote Pilot Certificate?

☐ Yes (date passed) _____ ☐ No

4 If **not** a certificated pilot or remote pilot:

a Have you successfully completed an FAA (or equivalent) Private Pilot ground instruction course?

☐ Yes ☐ No

b If you answered "**yes**" to the question above, have you passed the FAA (or equivalent) Private Pilot written examination?

☐ Yes (date passed) _____ ☐ No

5 Date manufacturer's training for specific UAS to be insured was completed

6 ADDITIONAL TRAINING APPLICABLE TO UNMANNED AIRCRAFT

Name and Location of school/training/other provider _____

UAS Model(s) _____

Date Completed _____

Check all the apply:

☐ Initial Manufacturers Training

☐ Recurrency Training

☐ Crew Resource Management (CRM)

☐ Simulator Proficiency/Recurrent

UNMANNED AIRCRAFT PILOT/OPERATOR EXPERIENCE AND CURRENCY					
Itemized Pilot-In-Command / Primary Operator Experience with Unmanned Aircraft					
UAS Group	Make(s) & Model(s)	Number of Missions Flown/Landed/Recoveries			
		Total	Last 90 Days	Last 30 Days	Last 12 Months
Insured Make and Model			/ /	/ /	/ /
GROUP 1 (MGTOW 0-20 lbs.)			/ /	/ /	/ /
GROUP 2 (MGTOW 21-55 lbs.)			/ /	/ /	/ /

8 Have you ever had an aircraft claim, incident or accident? ☐ Yes ☐ No

9 Have you ever been cited or fined for violation of an aviation regulation? ☐ Yes ☐ No

10 Has your pilot certificate ever been suspended or revoked? ☐ Yes ☐ No ☐ N/A

D. Proposed Date(s) and Time(s) of UAS use

E. Location and Area of Use Information

1 Proposed location(s). Attach map of flight area(s). (Exhibit A)

2 Property owner(s) of proposed locations(s)

3 Proximity of proposed location(s) to inhabited areas such as campus structures, residential or business districts, etc.

4 Describe protocols for notifying adjacent property owners

F. Funding Source(s) for the Purchase and Use of UAS

G. ☐ **I have attached my UNL Site Specific FAA 333 Exemption, FAA Certificates of Waiver or Authorization (COA), Special Air Worthiness Certificate (SAC), or Authorization from requisite foreign civil aviation authority, if applicable. (Exhibit B)**

H. ☐ **I have attached Insurance Certificates which reflect: (Exhibit C)**

Occurrence based UAS Liability Insurance of $1 million per occurrence
General Liability insurance of $1 million per occurrence and $3 million aggregate
Liability policies shall name the Board of Regents as "additional insured" and include coverage for personal injury.
Statutory Workers' Compensation insurance with employer's liability coverage of $1 million and an alternate employer endorsement, where applicable.
Waiver of subrogation language is included in the policies
Policies are primary and non-contributory
Insured will provide 30-days notice of cancellation

Signature Approval for Unmanned Aircraft Systems (UAS)
Commercial Drone Companies and Civil Users

I have read and am in compliance with the University of Nebraska Executive Memorandum. I understand that any violation of university policies or student code of conduct by an individual will be administered in accordance with applicable university policies and procedures. Additionally, individuals who violate this policy may be subject to civil or criminal penalties and the seizure of UAS by campus police or security. Fines, damages, and claims against individuals who violate this policy may be the responsibility of that individual.

Approval Signatures (digital are accepted)

Company
(certifying all necessary approvals have been obtained) _____

Project Leader
(certifying all necessary approvals have been obtained) _____

UNL Department Chair _____

UNL Dean/Director _____

UNL Office of Research & Economic Development _____

UNL Police Department _____

UNL Risk Management _____

UNL Vice Chancellor, Business and Finance _____

Exhibit A - Map of Flight Area (Application Section E.1)

Exhibit B - UNL Site Specific FAA 333 Exemption, FAA Certificates of Waiver or Authorization (COA), Special Air Worthiness Certificate (SAC), or Authorization from requisite foreign civil aviation authority, if applicable. (Application Section G)

Exhibit C - Insurance Certificates must be attached. (Application Section H)

Exhibit D - Pilot/Remote Pilot Certification as required by the FAA (Application Section C)