

Application for Unmanned Aircraft Systems (UAS) UNL User

|--|

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	
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) 2 Describe specific objectives of UAS use, including	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
3 Describe how the UAS achieves these objectives	
4 Identify the authority under which UAS operations from requisite foreign civil aviation authority, or P	will be conducted (COA, 333 Exemption, SAC, Authorization art 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	ufacturer's serial number please describe how aircraft can

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 attach	ed equipment/and any modifications made s	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 fue	1?	
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 (incl	uding installed/carried equipment & payload	d [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, 1	meters, miles, or kilometers)	
19 Maximum Speed (in nautical mile per l	nour)	
20 Does UAS have the ability to independ		
Yes	No	
21 In the event of a lost link between the g	ground control station and the aircraft, does t	the UAS contain an
	rs for it to safely return to a predetermined p	
Yes Please describe:		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	
	aircraft's navigation/communication systems	.9
Yes	No	51
25 Aircraft Manufacturer's website	140	
26 Website (e.g., YouTube) where video of	of IIAS can be viewed	
27 Associated payload (example: number		
28 Describe manufacturer's aircraft and pa		
	5	
29 Describe your preventive maintenance	plan, general repair practices, and sourcing	for replacement parts
20 11 45 4 64 6		
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.)

1 UA	S Operator Name		
2 UA	S Operator Emergency Contact Phone N	Number at Time of Flight	
3 Indi	cate 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 Student: Since (date)	AND RATINGS	
	Private	Commercial	
	Airline (ATP)	Rotocraft	
	Instrument	10001410	
	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 op	erator hold a Part 107 Remote Pilot Certificate	?
	Yes (date passed)	No	
4 TC	-4		
	ot a certificated pilot or remote pilot:	EAA (
a	· · · · · · · · · · · · · · · · · · ·	FAA (or equivalent) Private Pilot ground instru	action course?
	Yes	No	
b	If you answered "yes" to the question	above, have you passed the FAA (or equivale	nt) Private Pilot
	written examination?		
	Yes (date passed)	No	
5 Dat	e manufacturer's training for specific U	AS to be insured was completed	
6 AD	DITIONAL TRAINING APPLICABLE	E TO UNMANNED AIRCRAFT	
Nan	ne and Location of school/training/othe	r provider	
	UAS Model(s)		
	Date Completed		
	Check all the apply:	Initial Manufacturers Training	
		Recurrency Training	
		Crew Resource Management (CRM)	
		Simulator Proficiency/Recurrent	

UNMANNE	ED AIRCRAFT PI	LOT/OPERA	ATOR EXPERIEN	ICE AND CURRE	NCY
Itemi	zed Pilot-In-Command	l / Primary Oper	rator Experience with	Unmanned Aircraft	
LIAC Corre	Make(s) & Number of Missions Flown/Landed/Recoveries				veries
UAS Group Model(s)	Model(s)	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.)			/ /	/ /	/ /
·	ever had an aircraft cleever been cited or fine			Yes No Yes No	
10 Has your p D. Proposed Date(s) and	ilot certificate ever be Time(s) of UAS use	con suspended o	r revoked.	Yes No	N/A
E. Location and Area of	Use Information				
1 Proposed location	n(s). Attach map of f	light area(s). (E	xhibit A)		
2 Property owner(s	s) of proposed locatio	ns(s)			
3 Proximity of proj	posed location(s) to in	nhabited areas s	uch as campus structu	ures, residential or busi	iness districts, etc.
4 Describe protoco	ols for notifying adjac	ent property ow	ners		
F. Funding Source(s) for	the Purchase and U	se of UAS			

G.

I have attached my 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)

Signature Approval for Unmanned Aircraft Systems (UAS) UNL User

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)

Project Leader	
(certifying all necessary approvals have been obtained)	
UNL Department Chair	
UNL Dean/Director	
UNL Office of Research & Economic Development	
-	
INT D.L. D. C. C.	
UNL Police Department	
UNL Risk Management	
UNL Vice Chancellor, Business and Finance	

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

Exhibit B - 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)