

DRONES/UAV 1: Display



Illinois Extension
UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

Name _____

County _____

JUDGES: Please identify a numerical score on a scale of 1-10 for each element on the sheet. The total score will be used to determine champion and reserve champion.

Judging Criteria	SCORE 1= needs improvement 10= exceeds criteria
Knowledge of Subject Matter	
<ul style="list-style-type: none"> • General Knowledge about UAV/UAS 	
<ul style="list-style-type: none"> • General knowledge of aerospace concepts 	
<ul style="list-style-type: none"> • Completed all Quads Away Mission LogBooks 	
Explanation of Project Exhibit	
<ul style="list-style-type: none"> • Explanation of journey learning to fly UAVs and researching the presentation topic 	
<ul style="list-style-type: none"> • Ability to explain basic RC/video transmission <u>concepts</u> 	
<ul style="list-style-type: none"> • Ability to explain target UAV/UAS <u>concepts</u> (e.g. sensors, flight controllers, real world uses, etc.) 	
<ul style="list-style-type: none"> • Ability to explain Laws and Rules governing UAS operations and flights 	
<ul style="list-style-type: none"> • Self-Evaluation of project 	
<ul style="list-style-type: none"> • Skills Learned 	
Exhibit Presentation	
<ul style="list-style-type: none"> • Neat Appearance 	
<ul style="list-style-type: none"> • Follows exhibit requirements 	
<ul style="list-style-type: none"> • Innovative or novel approach to presenting the information 	
<ul style="list-style-type: none"> • Presentation was impactful or inspiring 	
TOTAL SCORE (130 points possible)	
COMMENTS	

DRONES/UAV 2: UAS



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JUDGES: Please identify a numerical score on a scale of 1-10 for each element on the sheet. The total score will be used to determine champion and reserve champion.

Judging Criteria	SCORE 1= needs improvement 10= exceeds criteria
Knowledge of Subject Matter	
<ul style="list-style-type: none"> • General Knowledge about UAV/UAS 	
<ul style="list-style-type: none"> • General knowledge of aerospace concepts 	
<ul style="list-style-type: none"> • Completed all Quads Away Mission LogBooks 	
Explanation of Project Exhibit	
<ul style="list-style-type: none"> • Ability to explain process of designing, troubleshooting and refining a UAV design/ System 	
<ul style="list-style-type: none"> • Ability to explain FULL UAS functionality including RC/video transmission systems, Flight controller, and GPS systems 	
<ul style="list-style-type: none"> • Ability to explain target UAV/UAS concepts (e.g. sensors, flight controllers, real world uses, etc.) 	
<ul style="list-style-type: none"> • Ability to explain Laws and Rules governing UAS operations and flights 	
<ul style="list-style-type: none"> • Self-Evaluation of project 	
<ul style="list-style-type: none"> • Skills Learned 	
Exhibit Presentation	
<ul style="list-style-type: none"> • Neat Appearance 	
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<ul style="list-style-type: none"> • Presentation was impactful or inspiring 	
TOTAL SCORE (130 points possible)	
COMMENTS	