



RobotX 2024 | Observation Sheet

JUDGE:

DATE:

ROUND: QUALIFYING

COLOR OF THE DAY (QUALIFYING)

TEAM:

COURSE: A B C

SEMIS FINALS

R G B

TIMESLOT Start Time: <i>P rovided by COURSE MANAGER</i>	RUN Start Time:	RUN Start Time:	RUN Start Time:	RUN Start Time:	RUN Start Time:
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UAV Launch/Recovery	Run 1	Run 2	Run 3	Run 4	Run 5
UAV Launch from USV?	Y / N	Y / N	Y / N	Y / N	Y / N
Landing location	USV Recovery Zone	USV Recovery Zone	USV Recovery Zone	USV Recovery Zone	USV Recovery Zone
Autonomous landing?	Y / N	Y / N	Y / N	Y / N	Y / N

Task 2 - Entrance & Exit Gates	Run 1	Run 2	Run 3	Run 4	Run 5
ENTRY Gate (circle number)	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/>
EXIT Gate	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/>
# buoy strikes					

Task 3 - Follow the Path	Run 1	Run 2	Run 3	Run 4	Run 5
Draw path					
Entrance buoy color (top half)	R G B	R G B	R G B	R G B	R G B
# buoy strikes					
# gates maneuvered					
# gates in sequence					

Task 4 - Wildlife Encounter	Run 1	Run 2	Run 3	Run 4	Run 5
Draw Circle Direction (⤴ or ⤵)	R G B	R G B	R G B	R G B	R G B
Correct Visual Display?	Y / N	Y / N	Y / N	Y / N	Y / N

NOTES	Run 1	Run 2	Run 3	Run 4	Run 5

TIMESLOT Start Time: <i>Provided by COURSE MANAGER</i>	RUN Start Time:	RUN Start Time:	RUN Start Time:	RUN Start Time:	RUN Start Time:
Task 5 - Scan the Code	Run 1	Run 2	Run 3	Run 4	Run 5
First Color	R G B	R G B	R G B	R G B	R G B
Second Color	R G B	R G B	R G B	R G B	R G B
Third Color	R G B	R G B	R G B	R G B	R G B
Correct Visual Display?	Y / N	Y / N	Y / N	Y / N	Y / N

Task 6 - Dock & Deliver	Run 1	Run 2	Run 3	Run 4	Run 5
Docking bay	R G B	R G B	R G B	R G B	R G B
# balls launched	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
# balls delivered in larger target	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
# balls delivered in small target	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4

Task 7 - UAV Replenishment	Run 1	Run 2	Run 3	Run 4	Run 5
Color of tin picked up	R G B	R G B	R G B	R G B	R G B
Successful delivery?	Y / N	Y / N	Y / N	Y / N	Y / N
Successful delivery?	Y / N	Y / N	Y / N	Y / N	Y / N
Delivery location	⊙	⊙	⊙	⊙	⊙

Task 8 - UAV Search & Report	Run 1	Run 2	Run 3	Run 4	Run 5
Intentional Search Pattern Observed?	Y / N	Y / N	Y / N	Y / N	Y / N
Report location accuracy	< 15m < 5m	< 15m < 5m	< 15m < 5m	< 15m < 5m	< 15m < 5m

TIMESLOT End Time: <i>Provided by COURSE MANAGER</i>	RUN End Time:	RUN End Time:	RUN End Time:	RUN End Time:	RUN End Time:
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NOTES	Run 1	Run 2	Run 3	Run 4	Run 5