

Score Sheet: Robotic Solutions for Emergency Response and Public Health

General Information

Team Name: Grenoble Alpes University
 Cranfield University

Date: 13 May (Practice Runs) 14 May (Practice Runs) 15 May (Finals)

Run Number: Practice Run 1 Practice Run 2 Final Run (only 15 May)

Present: Yes / No (add -3 under Penalties)

Execution Time (20 minutes in total)*:

** Teams may try multiple times within the 20-minute window. Only the best attempt is recorded below.*

Attempt Tracker (Referee Internal Use)

Attempt #	Achievement Points	Time Used	Result (Success/Crash/Manual Stop)
1			
2			
3			

Official Best Run Achievements (1 Point per "Yes")

Check "Yes" only if the task was completed without pilot intervention. Maximum score is 11 points

Phase	Task Description	Achievement?
General	Maintains stable operation despite environmental factors	<input type="checkbox"/> Yes / <input type="checkbox"/> No
Phase 1: Launch	Autonomously takes off and enters the competition arena.	<input type="checkbox"/> Yes / <input type="checkbox"/> No
	Navigates the route toward the mannequin while successfully avoiding all obstacles.	<input type="checkbox"/> Yes / <input type="checkbox"/> No

Phase	Task Description	Achievement?
Phase 2: Target	Autonomously detects and identifies the delivery target (mannequin)	<input type="checkbox"/> Yes / <input type="checkbox"/> No
	Maintains safe operational speed when approaching the target (mannequin)	<input type="checkbox"/> Yes / <input type="checkbox"/> No
	Maintains stable flight/hover when approaching the target (mannequin)	<input type="checkbox"/> Yes / <input type="checkbox"/> No
Phase 3: Delivery	Performs a precise autonomous landing within the designated zone.	<input type="checkbox"/> Yes / <input type="checkbox"/> No
	Successfully releases the medical payload at the target location	<input type="checkbox"/> Yes / <input type="checkbox"/> No
Phase 4: Return	Autonomously takes off from the mannequin location, maintaining safe operational speed and stable flight/hover	<input type="checkbox"/> Yes / <input type="checkbox"/> No
	Navigates the route back while successfully avoiding all obstacles.	<input type="checkbox"/> Yes / <input type="checkbox"/> No
	Lands autonomously on the marked starting point.	<input type="checkbox"/> Yes / <input type="checkbox"/> No

Total Achievement Score: /11

Penalties & Disqualifications

Category	Behaviour Description	Penalty
Penalising	Manual intervention outside of the take-off/recovery area.	<input type="checkbox"/> -1 pt / instance
Penalising	Collision with obstacles/structures (no damage) while navigating to or from the target (mannequin)	<input type="checkbox"/> -1 pt / instance
Penalising	Approaching closer than 1 meter to the patient/mannequin	<input type="checkbox"/> -1 pt
Disqualifying	Drone hits target (mannequin) or human	<input type="checkbox"/> VOID RUN

Category	Behaviour Description	Penalty
Disqualifying	Drone damages permanent structures or safety equipment.	<input type="checkbox"/> VOID RUN
Disqualifying	Drone flies outside the designated safety corridor.	<input type="checkbox"/> VOID RUN

Final Calculation & Signatures

Achievement Points:

Total Penalties: -

FINAL SCORE:

Tie-Break Metric 1: Shortest minimum execution time (Recorded: _____)

Referee Signature

Team Leader Signature

Comments and Feedback