



FRC Team 972

2022 Technical Binder

"Unnamed"

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1.0 Overview



[] is designed to compete in the 2022 FRC challenge: RAPID REACT. In RAPID REACT, each alliance scores match points during autonomous and teleop by shooting alliance colored cargo balls into the lower and upper hubs in the center of the field. On two corners of the field, robots can feed cargo through the terminal for the human player to load the cargo into the robots. During the endgame, robots score points by clim

2.0 Analysis & Strategy

Aspect	Criteria	Design
	•	•
Auto	•	•
	•	•
	•	•
	•	•
	•	•
	•	•

3.0 Mechanical

3.1 Drivetrain

3.2 Intake/Shooter

3.3 Climb

3.4 Electrical

3.1 Drivetrain

3.2 Intake/Shooter

3.3 Climb

3.4 Electrical

4.0 Programming

4.1 Vision

4.2 Autonomous

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