Team ID: _____ Team Name: _____

Teams must pass this Test Parade Checklist to ensure that all robot vehicles meet the specifications and functional requirements. Maximum 5 attempts are permitted.

- A **numbered** flag will be given when test items 1 – 6 below are passed. Note that items 7 & 8 do not affect other robots during the parade.
- Teams that do not fully meet test items 1 – 6, will be given a **lettered** flag, though final judging score will be evaluated by individual Judges.

Test Item	**Details**		**Tally of attempts**	**Pass or No-pass**	**Notes**	
1. Robot Length	Maximum width: 35cm (13.78"); Max. overall length: 60cm (23.62")					
	No robot or float section greater than 35cm (13.78")					
2. Rear Bumper	At least 10cm (3.9") tall and 28cm (11") wide; 2.54cm (1") off the ground					
	Remains over the line throughout the course. (Must be tested during the Autonomous Performance Tests 3 & 4)					
3. Autonomous Performance (Clockwise)	Negotiates the official parade route without human touch at least a half circle with 2 curves	*Robots that require human touch during official rounds will be removed from the parade*				
4. Autonomous Performance (Counter-clockwise)	Negotiates the official parade route without human touch at least a half circle with 2 curves					
5. Object (Rear Bumper) Detection (Must be tested during Autonomous Performance tests 3 & 4, above)	Waits and restarts on straight line					
	Waits and restarts on clockwise curve					
	Waits and restarts on counter-clockwise curve					
6. Speed limit	7cm/sec - 16cm/sec				Measured Speed:	
7. Speed Display	Accurate to ±1.5cm/sec				Displayed Speed:	
8. Speed Math	Team members understand perfectly the math behind speed calculation				Score if paper exam used	

Flag Assigned: _____ Test Parade Judge Signature: _____