



Team Name: \_\_\_\_\_

Team Number: \_\_\_\_\_

## Compliance Check

Weight (Must be less than 24 lb. with the battery and detachable parts):

Size Check (Must fit in 24" cube with detachable parts, unconstrained, can be powered):

Control System:	Joystick	Cortex	
No adhesives/tape	<input type="text"/>	Cortex mounted	<input type="text"/> (use mounting holes)
No labels	<input type="text"/>	On/Off Switch	<input type="text"/> (Accessible?)
No rubber bands	<input type="text"/>	7.2V NiMH Battery	<input type="text"/> (One? Secured Properly?)
VEXnet 2.0 Key	<input type="text"/>	No solder	<input type="text"/> (use cables)
	<input type="text"/>	Motor Ports	<input type="text"/> (Ports 1 & 10 not used)
	<input type="text"/>	VEXnet 2.0 Key	<input type="text"/> (White)

(Teams may use no-residue painters' tape to secure the USB keys to the Cortex/Joystick and to secure the motor controller and server adapter connections. No other tape may be used)

Miscellaneous:	
Team number visible	<input type="text"/>
Servo Adapters used with all servos	<input type="text"/>
Motor controllers used with all motors	<input type="text"/>
No adhesive, tape or paint on Returnables (Painter's Tape Allowed)	<input type="text"/>
No alteration or damage to any Returnables (except belt stock, servo horns, assembled IR Kit)	<input type="text"/>
Team Custom Part (TCP) (up to 2, unconstrained 2" x 4" x 4", homogeneous material)	<input type="text"/>
TCP raw stock is rectangular or cylindrical (if applicable)	<input type="text"/>
Wire Management (up to 25 clips/ties, only used on wiring)	<input type="text"/>

Max Qty.	X	Max Qty.	X
2	Small motor	2400 in <sup>2</sup>	Corrugated Cardboard
2	Large motor	12" x 48"	Foam Board 3/4" or 1" allowed
4	Servos (3003/3004/HS-422/425BB)	10 ea.	3/4" PVC tees and 90° elbows
5*	Servo horns (mods allowed)	4	Flat angle bracket
2	40" servo extension	4	Corner angle bracket
5	24" servo extension	2 ea.	1.5" & 2.5" Hinges
3	6" servo extension	4	12" Piano Wire
2	IR Sensor transmitter & receiver	4 ft.	1/4" Shock Cord
1	Large HTD drive pulley	1	Bicycle inner tube
1	Small HTD drive pulley	NONE	1" PVC tees and 90° elbows
1	Small HTD Idler	NONE	1/2" EMT conduit
4	Bearings	NONE	Door Spring
2	Window Alarm Sensors	NONE	Wood screw eyebolts
1	3' HTD Strip Belt (mods allowed)	NONE	Adhesive-backed gum rubber strip
1	HTD Loop Belt (NO mods allowed)	NONE	Brake cable
1	Roller blade wheel, bearings, and axle	NONE	1/2" PVC Pipes and fittings
2	Metal wheel hubs (1.5" dia .5" thck)	NONE	1/2" thick 2' x 4' Plywood
2	Shaft couplers	NONE	6" x 6" steel turntable
4	Mini switches	NONE	Corrugated Plastic Sheet
2	Rotary potentiometers	NONE	4" PVC Pipe
12" x 12"	Aluminum Sheet	NONE	1/2" Aluminum Rod, 24"
1 ea.	1/4", 3/8" thick 2' x 4' Plywood	NONE	1/8" Clear Polycarbonate Sheet

\*4-arm, 6-arm, Small Round, Large Round

Compliance Check completed by: \_\_\_\_\_