2006 *FIRST* Robotics Competition

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→ Special Notices ←

******* SPECIAL UPDATE *******

→ General Notices ←

Documents and Updates

No changes.

Question & Answer System

To make it easier for FRC Team Rules Experts to post questions, we have redesigned the FRC Game Q & A forum so that Team Rules Experts may post directly to the moderators of the forum. Questions cannot be seen until a moderator accepts them.

The **Submit a Question** forum has been removed. The questions previously posted to there have been reviewed and answers posted in the appropriate FRC Game Q & A forum.

Section 0 - Introduction

No changes.

Section 1 - Communication

No changes

Section 2 – Team Organization

No changes.

Section 3 - The Arena

No changes.

Section 4 - The Game

No changes.

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Section 5. The Robot (includes the Kit of Parts)

KIT

As follow-up to advice given in the Kit of Parts checklist, the table below lists the LIMITED set of parts that are planned to be available at FRC events.

Battery Quick Disconnects	**CIM Motors**
Muffin Fans – Large and Small	**Nippon Denso Window Motors and Couplers**
120 Amp Main Breakers	**Fisher-Price Motors/Gearboxes**
Wheel Hub Adapters	**Various Pneumatic Fittings – (no cylinders, tanks, or compressors)**
Globe Motors	

*** ***Batteries & chargers will NOT be available at any time at any event without making prior arrangements with FIRST.****

It is likely that your robot will be using parts not included on this list. If there is any reasonable possibility that a key part might fail, become damaged, or broken during the competition event, we STRONGLY *RECOMMEND* that you obtain and bring appropriate SPARE PARTS to events with you.

FIRST asks that teams, if possible, bring any unused parts from their kits to events to assist and support each other. You can expand your *FIRST* Network as you exchange parts.

The *FIRST* Replacement parts area is located in the Pit.

Control System & Innovation First parts

Teams are responsible for obtaining and bringing to their events any Innovation First, Inc. parts and products that may be required for their robots. If a team develops a problem with the controller, for example, LOANERS will be available under the following restrictions:

- Teams must get approval from the on-site Innovation First, Inc. staff member.
- An adult member of the team must provide a Credit Card number to ensure proper return of the 'loaned" items at the end of the event.

If the part is not returned at the end of the event, FIRST will bill the credit for the borrowed item(s).

- All "loaner" items are available on a first-come, first-served basis.

Requires approval from Innovation First, Inc. before a team can borrow equipment.

- Operator Interface
- Robot Controller
- Radio Modems

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***FIRST* SUPPLIERS: Who to Contact…**

7" Ball	7" Foam basketball		http://www.poof-slinky.com/
AndyMark, Inc.	Battery safety plug		http://www.andymark.biz/
Bimba Manufacturing	Pneumatic Cylinders		http://www.bimba.com/
Bosch-Rexroth	Pneumatic Valves		http://www.boschrexroth.com/
Exide Technologies	12V Battery		http://www.batteriesplus.com/
IGUS	Plastic linear bearings & guides,		http://www.igus.com/
Innovation First, Inc.	Robotic control systems & components, DC motors, servos, transmission & chassis kits, sensors, etc.	Shop the IFI Store and/or the *FIRST* Store	http://www.ifirobotics.com/
Midtronics	Battery Charger		http://www.midtronics.com/
Terminal Supply Company	Bussman 120A CB, Fuse panels, lugs & terminals, etc.	800 989-9632	http://www.terminalsupplyco.com
MSC Industrial Supply	Tools, hardware, etc.		http://www.mscdirect.com/

Section 6 – Robot Transportation

No changes.

Section 7 – At the Events

No changes.

Section 8 – The Tournament

No changes.

Section 9 – The Awards

Correction to Autodesk Visualization Award Entry Date

It has come to our attention that there is a typo in the Autodesk FAQ regarding the entry date for the storyboard for the Autodesk Visualization Award.

The storyboard is due on February 13, along with your animation. The paperwork is due on February 6.

Thanks,

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Section 10 – Get Published

No changes.

2006 *FIRST* Guidelines, Tips & Good Practices

No changes.

E-Mail Blasts Sent Since Last Update

No changes.

Question & Answer Items of Note

No changes.