

# TABLE OF CONTENTS

CAR REQUIREMENTS		2
TIRES		3
RIMS		4
HUBS		4
SPINDLES		5
STEERING		5
FUEL CELL		5
WEIGHT		6
GEAR		6
RADIATOR		6
BRAKES		7
BELLY PAN		7
GAUGES		8
BIRD CAGES		8
ENGINE		9
ENGINE CLAIMER POLICIES		10
WHEEL BASE		11
BUMPER & NERFS		11
MUFFLER		11
EXHAUST		12
RADIUS ROD		12
FRONT AXLE		13
WHEEL WIDTH		13
FUEL		14
FUEL PUMP		14
NUMBERS		14
BODY		15
SHOCKS		15,16
SPRINGS		16
POINT SYSTEM		17
ROOKIES	18	
FEATURE RACE		18
STICKER		18
AIR BOX		18
FRAME		19
FRAME DIAGRAMS		20
ASPHALT RULES		21
PIT & TRACK BEHAVIOR		21
PROTEST POLICIES	22	
MISCELLANEOUS		23,24
OFFICIALS		25
NOTES		26

**2011  
600 MODIFIED CAR  
REQUIREMENTS  
AND RULES**

INTERPRETATION OF RULES WILL BE AT THE DISCRETION OF TECHNICAL INSPECTOR. ALL DECISIONS BY 600 MODIFIED OFFICIALS WILL BE FINAL. IF THE RULES DO NOT STATE YOU CAN DO SOMETHING, ASSUME THAT YOU CAN NOT.

\* ALL CARS MUST REMAIN STOCK FROM XCEL CHASSIS

\* OFFICIALS HAVE THE RIGHT TO CHECK ANYTHING ON ANY CAR AT ANY TIME

\* OFFICIALS HAVE THE RIGHT TO AMEND ANY RULE AT ANY TIME FOR THE BETTERMENT OF THE SERIES.

**TIRES**

**HOOSIER**

RF 57 - 6.5 - 10  
60 - 7 - 10 D20  
LF 57 - 6.5 - 10  
60 - 7 - 10 D20

RR 63 - 10 - 10  
LR 60 - 7 - 10  
57 - 6.5 - 10

- \* FRONT TIRES MUST MATCH IN SIZES. NO MIXING OF SIZES IS ALLOWED
- \* FRONTS AND LR D20 COMPOUND, 40 - 44 DUROMETER
- \* RR D25 COMPOUND, 47 - 49
- \* 10 PSI., RIGHT REAR MINIMUM AFTER HEAT AND FEATURE RACE PER XCEL CHASSIS TIRE GAUGE
- \* RF, LF, LR MUST STAY STOCK
- \* NO GRINDING OF TIRES AT TRACK. IF YOU DO YOU WILL START IN THE REAR
- \* YOU CAN SIPE RR TIRE ONLY
- \* REGROOVE RR ONLY IN STOCK GROOVES WITH #1 BIT IN GROOVING IRON

## **RIMS**

- \* FRONT AND LEFT REAR 7 2 INCH WIDE MAXIMUM
- \* FRONT 3 INCH OFFSET ONLY
- \* RIGHT REAR 8 2 INCH WIDE MAXIMUM
- \* NO DOUBLE BEAD LOCKS
- \* NO ALUMINUM OR TITANIUM BOLTS IN BEADLOCK RINGS OR HUBS
- \* ALL BOLTS MUST BE IN WHEELS \*8\* BOLTS AND NUTS
- \* NO PLASTIC OR CARBON FIBERS WHEELS
- \* NO BLEEDERS OF ANY STYLE

## **HUBS**

- \* ALUMINUM ONLY

## **SPINDLES**

- \* STEEL SNOOT, 4 BOLTS TO HOLD STEERING ARM ON XCEL SPINDLES

## **STEERING**

- \* MUST BE RACK AND PINION STEERING FROM XCEL CHASSIS
- \* NO ALUMINUM STEERING SHAFTS
- \* NO ALUMINUM U-JOINTS

## **FUEL CELL**

- \* MUST BE STOCK FROM XCEL CHASSIS

## **WEIGHT**

- \* MINIMUM WEIGHT WITH DRIVER IS 900 POUNDS AFTER EACH RACE IS OVER
- \* WEIGHTS MUST BE BOLTED WITH 5/16 BOLTS AND LOCK NUTS
- \* WEIGHTS MUST BE PAINTED WHITE AND HAVE CAR NUMBER ON EACH ONE USED

## **GEAR**

- \* OPEN, 520 CHAIN

## **RADIATOR**

- \* STOCK FROM MOTORCYCLE ONLY
- \* CUSTOM FROM XCEL CHASSIS ONLY
- \* NO EXCEPTIONS WILL BE MADE

## **BRAKES**

- \* 2 PISTON CALIPER ONLY
  - \* ONE REAR BRAKE
  - \* NO FRONT BRAKES
  - \* 8 1/4 MAXIMUM DIAMETER BRAKE DISC
  - \* 5/16 THICK MAXIMUM
  - \* 3/4 IN. WILLWOOD MASTER CYLINDER
- PART # 2606764

## **BELLY PAN**

- \* FRONT MUST STOP AT STEERING BOX
- \* BACK MUST STOP AT BAR WITH SERIAL NUMBER ON IT
- \* BELLY PAN MUST BE ON TOP OF FRAME RAILS

## **GAUGES**

- \* TACK IS ONLY GAUGE THAT CAN BE HOOKED UP TO WIRING HARNESS
- \* 3 GAUGES IN A CAR: OIL PRESSURE

WATER TEMPATURE AND TACHOMETER

## **BIRDCAGES**

\* ALL SINGLE BEARING BIRDCAGES AND NEW RR DOUBLE BEARING BIRDCAGES MUST COME FROM XCEL CHASSIS ONLY

## **ENGINE**

- \* STOCK FROM MOTORCYCLE
- \* ALL ENGINES AND WIRING HARNESS MUST COME FROM XCEL CHASSIS
- \* ALL REBUILDS ARE DONE FROM XCEL CHASSIS
- \* NO POWER COMMANDERS
- \* IF YOU DON'T HAVE ENGINE SEALED BY XCEL CHASSIS, YOU ARE DISQUALIFIED
- \* NO AFTER MARKET DEVICES
- \* ENGINE MUST BE A MINIMUM OF 2 YEARS OLD

- \* HONDA CBR 600 ONLY
- \* SUZUKI GSXR 600 ONLY
- \* 599CC - NO CLEAN UP
- \* IF SEAL IS TAMPERED WITH IN ANY SHAPE OR FORM, YOU ARE DISQUALIFIED
- \* ~~A~~HONDA@STOCK FUEL REGULATOR ONLY
- \* ~~A~~SUZUKI@KINZLER ADJ. HIGHSPEED BYPASS
- \* NO PILL BLOCK
- \* 12 VOLT BATTERY ONLY
- \* ALL WIRING HARNESSSES MUST BE REMOVABLE

## **ENGINE CLAIMER POLICIES**

- \* TO CLAIM AN ENGINE THE COST IS \$1250.00
- \* ONLY OWNERS ARE ALLOWED TO CLAIM A COMPETITORS ENGINE
- \* AN OWNER CAN ONLY CLAIM ONE ENGINE A NIGHT
- \* TO CLAIM ENGINE, OWNERS CAR MUST HAVE FINISHED 7<sup>TH</sup> OR BETTER IN THAT NIGHTS FEATURE
- \* IF ENGINE IS CLAIMED, IT WILL BE PULLED THAT NIGHT CLAIMER IS MADE
- \* OWNER CAN ONLY CLAIM THE SAME MAKE AND MODEL ENGINE THAT THEIR CAR IS RUNNING
- \* IF OWNER REFUSES THE CLAIM, THEY ARE SUSPENDED UNTIL ENGINE IS GIVEN TO XCEL CHASSIS
- \* THE ENGINE THAT IS GETTING CLAIMED MUST HAVE FINISHED IN THE TOP 7 FOR THAT NIGHTS FEATURE
- \* IF ONE ENGINE GETS CLAIMED MORE THAN 2 TIMES IN ONE YEAR, THAT ENGINE WILL COME BACK TO XCEL CHASSIS TO GET TECHED
- \* XCEL CHASSIS HAS THE RIGHT AT ANY TIME TO CLAIM OR TECH ENGINE AND WILL BE DONE AT TRACK

## **WHEEL BASE**

- \* 66 1/4 MINIMUM TO 67 3/4 MAXIMUM

## **BUMPER & NERFS**

\* MUST BE STEEL AND STOCK FROM XCEL CHASSIS - .065 MINIMUM AND .095 MAXIMUM THICK WITH 1 INCH DIAMETER

## **MUFFLER**

\* FLOW MASTER PART # 325108  
\* WALKER PART # 15027

## **EXHAUST**

\* MUST BE STOCK FROM XCEL CHASSIS ONLY

## **RADIUS ROD**

- \* RF 11
- \* LF 10 2
- \* RR 14 3/8
- \* LR 13 3/4
- \* FRONT PAN HARD BAR 18 1/4
- \* BACK PAN HARD BAR 21 2
- \* NO SPRING RODS
- \* NO BUMP RUBBER RODS

## **FRONT AXLE**

ONE PIECE STEEL AXLE  
REFER TO DIAGRAM

## **WHEEL WIDTH**

63 INCH MAXIMUM  
REFER TO DIAGRAM

## **FUEL**

- \* PUMP GAS ONLY - 93 OCTANE
- \* NO METHANOL
- \* NO ADDITIVES
- \* NO RACE FUEL

## **FUEL PUMP**

- \* MALLORY 4060FI
- \* HOLLY RED
- \* WALBRO GSL394 (MUST HAVE XCEL STAMP)

## **NUMBERS**

- \* MUST BE DISPLAYED ON THE ROOF, BOTH SIDES OF THE CAR AND ON THE BACK
- \* SIZE MUST BE 16 INCHES IN HEIGHT FOR TOP AND SIDES
- \* LETTERS IN FRONT OR BACK OF NUMBERS MUST BE 8 INCHES IN HEIGHT FOR TOP AND SIDES

## **BODY**

- \* MUST COME FROM XCEL CHASSIS
- \* 6 - 2 2 INCH HOLES LF BOTTOM DOOR  
AAIR FOR ENGINE@
- \* HOLE IN HOOD FOR AIR 1 1/4 INCH BY 6 1/4 MAXIMUM
- \* LOUVERS FOR AIR BOX - 2 ROWS OF 10 - 3 INCH LOUVERS

## **SHOCKS**

- \* 6 INCH STEEL SMALL BODY PRO
- \* 2 SNAP RINGS GROOVES TO AND 3 INCHES DOWN
- \* 62
- \* 624
- \* 63
- \* 631
- \* 64
- \* NO CUTTING SHOCKS APART AND CHANGING VALVES

- \* NO SPRING SHIMS OR SPACERS

## **SHOCKS**

- \* SHOCK EXTENSION IS 1 INCH ONLY - BACK ONLY
- \* 4 INCH THREADED TUBE COIL KIT
- \* ONLY 4 SHOCKS PER CAR
- \* NO BUMP RUBBERS

## **SPRINGS**

- \* OPEN
- \* ONLY ONE SPRING PER SHOCK
- \* ONLY 4 SPRINGS PER CAR
- \* 1 7/8 DIAMETER SPRING ONLY
- \* NO BARREL SPRINGS

## **POINT SYSTEM**

- \* POINTS WILL BE AWARDED TO DRIVERS ONLY

- \* 1<sup>ST</sup> HEAT RACE WINNER FLIPS A COIN FOR HEADS UP OR INVERTED FEATURE
- \* TOP THREE FROM EACH HEAT RACE ARE SUBJECT TO INVERSION
- \* TOP FIVE ADVANCE TO FEATURE
- \* IF YOU SHOW UP FOR EVERY SHOW, YOU WILL RECEIVE 50 BONUS POINTS AT END OF SEASON
- \* TOP 5 CARS IN HEAT RACE WILL RECEIVE FOLLOWING POINTS:

1<sup>ST</sup> ..... 5 POINTS  
 2<sup>ND</sup> ..... 4 POINTS  
 3<sup>RD</sup> ..... 3 POINTS  
 4<sup>TH</sup> ..... 2 POINTS  
 5<sup>TH</sup> ..... 1 POINTS

- \* FEATURE POINTS WILL BE AS FOLLOWS:

1 <sup>ST</sup> ..... 120	13 <sup>TH</sup> ..... 60
2 <sup>ND</sup> ..... 115	14 <sup>TH</sup> ..... 55
3 <sup>RD</sup> ..... 110	15 <sup>TH</sup> ..... 50
4 <sup>TH</sup> ..... 105	16 <sup>TH</sup> ..... 45
5 <sup>TH</sup> ..... 100	17 <sup>TH</sup> ..... 40
6 <sup>TH</sup> ..... 95	18 <sup>TH</sup> ..... 35
7 <sup>TH</sup> ..... 90	19 <sup>TH</sup> ..... 30
8 <sup>TH</sup> ..... 85	20 <sup>TH</sup> ..... 25
9 <sup>TH</sup> ..... 80	21 <sup>ST</sup> ..... 20
10 <sup>TH</sup> ..... 75	22 <sup>ND</sup> ..... 15
11 <sup>TH</sup> ..... 70	23 <sup>RD</sup> ..... 10
12 <sup>TH</sup> ..... 65	24 <sup>TH</sup> ..... 5

- \* 25<sup>TH</sup> AND BACK RECEIVE 1 POINT

## **ROOKIES**

\*ALL ROOKIES SHALL START AT THE REAR FOR A MINIMUM OF 5 EVENTS OR UNTIL RACE OFFICIALS FEEL THAT THE ROOKIE HAS THE COMPETENCY TO TAKE THEIR HANDICAPPED STARTING POSITION

## **FEATURE RACE**

- \* THE WINNER FROM THE LAST RACE WILL BE PLACE IN 10<sup>TH</sup> POSITION AT THE NEXT WEEK FEATURE THEY ATTEND

## **STICKERS**

- \* ALL SPONSOR STICKERS MUST BE ON THE FRONT OUTSIDE DOORS

## **AIR BOX**

- \* STOCK FROM XCEL CHASSIS
- \* NO AIR INDUCTION AND NO RAM AIR
- \* AIR FILTER MUST BE
  - GREEN - PART # 2004
  - K & N - PART 33/2084  
33/2018
  - PAPER - PART WIX/4677

## **FRAME**

- \* ALL CHANGES TO FRAME MUST BE IN LETTER FORM EXPLAINING REASONS FOR CHANGES. XCEL WILL STAMP IT AND MUST BE WITH YOU AT ALL TIMES
- \* MUST REMAIN STOCK FROM XCEL CHASSIS
- \* NO ADDING BARS
- \* NO MOVING OF BARS TO DIFFERENT SPOTS
- \* ENGINE MUST REMAIN STOCK POSITION FROM XCEL CHASSIS
- \* ALL CARS MUST HAVE ROCK SCREEN ON FRONT FOR DRIVER SAFETY

REFER TO DIAGRAMS ON NEXT PAGE  
FOR HONDA AND SUZUKI

HONDA F4 AND F4I

SUZUKI

## **ASPHALT SHOW RULES**

- \* TIRES YOU RUN IN HEAT RACES MUST BE RUN IN FEATURE
- \* IF YOU CHANGE TIRES YOU MUST START LAST IN RACE
- \* FRONT PAN HART BAR 16 1/2 OR 18 1/4
- \* TIRE SIZES MUST BE AS FOLLOWS:
  - RR - 10 - 19 - 10 LC5
  - LR AND FRONTS
  - 6 - 18 - 10 LC3

## **PIT & TRACK BEHAVIOR**

- \* AN OWNER IS RESPONSIBLE FOR THE CONDUCT OF THE CREW AND DRIVER AT THE TRACK
- \* ALL OWNERS, DRIVERS, CREW AND TEAM MEMBERS MUST ACT LIKE LADIES AND GENTLEMEN AT ALL RACETRACKS
- \* ANY INDIVIDUALS WHO MAY GET INTO A FIGHT OR UNSEEMLY ARGUMENT AT THE TRACK SHALL IMMEDIATELY BE SUSPENDED FROM THE DAYS OR NIGHTS EVENTS AND ALSO MAY RECEIVE A FINE AND A 2 TO 4 RACE SUSPENSION IMPOSED UPON THEM AT THE DISCRETION OF THE OFFICIALS

## **PROTEST POLICIES**

- \* ANY OWNER/DRIVER MAY FILE A PROTEST AGAINST ANOTHER OWNER/DRIVER FOR ANY INFRACTION OF THE RULES
- \* PROTEST MUST BE IN WRITING AND GIVEN TO A 600 MODIFIED OFFICIAL

- \* \$150.00 MUST ACCOMPANY THE WRITTEN PROTEST
- \* \$50.00 OF PROTEST MONEY IS DISTRIBUTED TO THE POINT FUND
- \* IF FOUND **ILLEGAL**, PROTESTER RECEIVES THE REMAINING \$100.00 BACK AND PROTESTED CAR RECEIVES NO POINTS OR MONEY AWARDED THAT NIGHT
- \* IF FOUND **LEGAL**, ONLY THE PROTESTED CAR WILL RECEIVE THE REMAINING \$100.00

## MISCELLANEOUS

- \* NO MAGNESIUM
- \* NO TITANIUM
- \* NO TRACTION CONTROL
- \* NO AIR SHIFTER
- \* NO DATA ACQUISITION SYSTEMS
- \* NO COCKPIT ADJUSTABLE DEVICES
- \* NO CARBON FIBER
- \* NO DRILLING BOLTS OUT OR HOLLOWING OF BOLTS
- \* NO RADIO COMMUNICATIONS IN CARS
- \* TOTAL OF 3 AIR DUCTS - 1 MUST BE FOR BRAKES
- \* NO ALUMINUM BOLTS
- \* RACECEIVERS RADIOS ARE MANDATORY
- \* TRANSPONDERS ARE MANDATORY
- \* IF A CAR FLIPS OR LANDS ON ITS  
SIDE, THAT CAR IS FINISHED FOR THAT RACE
- \* RACECEIVERS MANDATORY BY JUNE 1ST.

\* RENTAL CARS OR ANY OUTSIDE DRIVER THAT IS NOT A REGULAR DRIVER WITH THE 600 MODS WILL START IN THE BACK IN THE HEAT RACES AND WILL START NO BETTER THAN 10<sup>TH</sup> POSITION IN THAT NIGHTS FEATURE

## **MISCELLANEOUS**

\* DURING A RACE IF YOU ARE SENT INTO THE PITS OR PULL IN YOURSELF , YOU WILL NOT BE ALLOWED BACK ON THE TRACK FOR THAT RACE

\* 3 SPIN RULE

IF YOU SPIN OUT BY YOURSELF OR WITH SOME HELP 2 TIMES ON THE THIRD TIME YOU WILL BE BLACK FLAGGED AND SENT INTO THE PITS

\* IF YOU SPIN SOMEONE OUT IN THE FIRST THREE LAPS OF THE FEATURE YOU WILL NOT BE ABLE TO PULL A PILL NEXT RACE YOU ATTEND

\* IF YOU SPIN SOMEONE OUT YOU WILL GO TO THE REAR WITH THE PERSON YOU SPUN OUT

\* IF THE PERSON YOU SPUN OUT CANNOT CONTINUE THE RACE YOU WILL PULL INTO PITS ALSO

\* IF THE PERSON CAN NOT CONTINUE THE NIGHT, YOU WILL NOT BE ALLOWED TO ALSO

## **OFFICIALS**

**DOUG BORGER**

**GENE BORGER**

**DRIVERS REPRESENTATIVE  
BRIAN MADY**

**OWNERS  
REPRESENTATIVE  
RICH EVERITT**