



Updated: 12.02.2011

Tech/rule updates and clarifications only apply to the rule numbers as referenced. Please make certain you are updating the correct rule.

→ = Indicates a new update in this issue.

ADD = Add update to current rule as referenced.

CHANGE = Replace [REPLACE] text as noted with [WITH] updated text.

■ = Delete part(s) of rule as noted.

The month following the update instruction is the month in which the update was last modified.

2012 Tech Updates

December 2011 Tech Updates

CHANGE December 2001

TM 53 115.3 HELMET SUPPORTS

[REPLACE]

The EVS Evolution Race Collar, Leatt-Brace Moto Kart and Moto GPX, Safety Solutions R3 and D-cel, and Team Valhalla 360 Plus Device are approved as helmet supports.

[WITH]

The EVS Evolution Race Collar and R4 Race Collar, Leatt-Brace Moto Kart and Moto GPX, Safety Solutions R3 and D-cel, and Team Valhalla 360 Plus Device are approved as helmet supports.

CHANGE December 2011

TM 57 FIGURE 201

[REPLACE]

Full Size Sprint Kart Wheel Base... 40" min

[WITH]

Full Size Sprint Kart Wheel Base 39 3/4" min

CHANGE December 2011

TM 64 214.17 TAG

[REPLACE]

ENGINE & MINIMUM WEIGHTS:
Parilla X-30 TBA

[WITH]

ENGINE & MINIMUM WEIGHTS:
Parilla X-30 375 lbs.

CHANGE December 2011

TM 64 214.19 TAG MASTERS FINAL

1 & 2

[ADD]

ENGINE & MINIMUM WEIGHTS:
Parilla X-30 395 lbs.
TIRES: Bridgestone YLB

CHANGE December 2011

TM 66 FIGURE 251

[REPLACE]

Full Size Sprint Kart Wheel Base... 40" min

[WITH]

Full Size Sprint Kart Wheel Base 39 3/4" min

CHANGE December 2011

TM 70 261.5 DATA ACQUISITION SYSTEMS

[REPLACE]

261.5 DATA ACQUISITION SYSTEMS: On-board data acquisition systems and/or computer systems are allowed to retrieve the following information only: on-board RPM, water temperature, cylinder temperature, speed, exhaust temperature, lap timing (lateral G sensing), and computer scoring systems. One beacon only from each manufacture allowed on the race circuit on race days to be located in a designated area by a designated person. All other beacons found on the race circuit on race days will be confiscated and held by WKA to be returned through a request to the Board of Directors. Downloading in pits only.

[WITH]

261.5 DATA ACQUISITION SYSTEMS: On-board data acquisition systems and/or computer systems are allowed to retrieve the following information only: on-board RPM, water temperature, cylinder temperature, speed, exhaust temperature, lap timing (lateral G sensing), and computer scoring systems. Sensors and wiring for other inputs must be removed from the kart during practice and racing. GPS based systems are allowed. Telemetry is not allowed; data can only be downloaded when kart is off of the racing surface and stationary. One beacon only from each manufacture allowed on the race circuit on race days to be located in a designated area by a designated person. All other beacons found on the race circuit on race days will be confiscated and held by WKA to be returned through a request to the Board of Directors. Data can only be downloaded in pits.

CORRECTION December 2011

TM 80 312.8 YAMAHA SPORTSMAN LITE, MEDIUM & HEAVY:

[REPLACE]

ENGINE: Yamaha KT100S, Only heads with OEM casting "Yamaha" and cylinders with Y3 or Y4 and 787 are legal.

[WITH]

ENGINES WITH SSX MUFFLER: Yamaha KT100S (Only heads with OEM casting "Yamaha" and cylinders with Y3 or Y4 and 787), ARC Comer and PRD RK 100. ENGINE WITH SBX MUFFLER: Yamaha KT100S (Only heads with OEM casting "Yamaha" and cylinders with Y3 or Y4 and 787).

CHANGE December 2011

TM 82 351.3 WHEELBASE

[REPLACE]

351.3 WHEELBASE: Maximum 43.0", minimum 40.0", as measured longitudinally between the true axle centers. (See Figure 351.)

[WITH]

351.3 WHEELBASE: Maximum 43.0", minimum 39 3/4". Wheelbase measurement is to be taken on a line beginning at a point perpendicular (90 degrees) to the rear axle centerline forward to the point on the horizontal spindle shaft (front axle) centerline on which the hub rides nearest to the kingpin bolt. Both sides must meet the wheelbase specification for the class. CHANGE December 2011

TM 82 FIGURE 351 Chassis Specifications

[REPLACE]

Full Size Sprint Kart Wheel Base... 40" min

[WITH]

Full Size Sprint Kart Wheel Base 39 3/4" min

CHANGE December 2011

TM 79 310.3 DATA ACQUISITION SYSTEMS

[REPLACE]

310.3 DATA ACQUISITION SYSTEMS: On-board data acquisition systems and/or computer systems are allowed to retrieve the following information only: on-board RPM, water temperature, cylinder temperature, speed, exhaust temperature, lap timing (lateral G sensing), and computer scoring systems. One beacon only from each manufacture allowed on the race circuit on race days to be located in a designated area by a designated person. All other beacons found on the race circuit on race days will be confiscated and held by WKA to be returned through a request to the Board of Directors. Downloading in pits only.

[WITH]

310.3 DATA ACQUISITION SYSTEMS: On-board data acquisition systems and/or computer systems are allowed to retrieve the following information only: on-board RPM, water temperature,

cylinder temperature, speed, exhaust temperature, lap timing (lateral G sensing), and computer scoring systems. Sensors and wiring for other inputs must be removed from the kart during practice and racing. GPS based systems are allowed. Telemetry is not allowed; data can only be downloaded when kart is off of the racing surface and stationary. One beacon only from each manufacture allowed on the race circuit on race days to be located in a designated area by a designated person. All other beacons found on the race circuit on race days will be confiscated and held by WKA to be returned through a request to the Board of Directors. Data can only be downloaded in pits.

CHANGE December 2011

TM 87 360.4.5

[ADD]

Headrest must be attached to the seat.

CHANGE December 2011

TM 87 360.6 DATA ACQUISITION SYSTEMS

[REPLACE]

360.6 DATA ACQUISITION SYSTEMS: On-board data acquisition systems and/or computer systems are allowed to retrieve the following information only: on-board RPM, water temperature, cylinder temperature, speed, exhaust temperature, lap timing (lateral G sensing), and computer scoring systems. One beacon only from each manufacture allowed on the race circuit on race days to be located in a designated area by a designated person. All other beacons found on the race circuit on race days will be confiscated and held by WKA to be returned through a request to the Board of Directors. Downloading in pits only.

[WITH]

360.6 DATA ACQUISITION SYSTEMS: On-board data acquisition systems and/or computer systems are allowed to retrieve the following information only: on-board RPM, water temperature, cylinder temperature, speed, exhaust temperature, lap timing (lateral G sensing), and computer scoring systems. Sensors and wiring for other inputs must be removed from the kart during practice and racing. GPS based systems are allowed. Telemetry is not allowed; data can only be downloaded when kart is off of the racing surface and stationary. One beacon only from each manufacture allowed on the race circuit on race days to be located in a designated area by a designated person. All other beacons found on the race circuit on race days will be confiscated and held by WKA to be returned through a request to the Board of Directors. Data can only be downloaded in pits.

CHANGE December 2011

TM 88 362.10 TAG FINAL 1 & FINAL 2

[ADD]

ENGINES & MINIMUM WEIGHTS: PARILLA X-30 370 lbs.

CHANGE December 2011

TM 92 401.3 WHEELBASE

[REPLACE]

401.3 WHEELBASE: Maximum 43.0", minimum 40.0", as measured longitudinally between the true axle centers.

[WITH]

401.3 WHEELBASE: Maximum 43.0", minimum 39 3/4". Wheelbase measurement is to be taken on a line beginning at a point perpendicular (90 degrees) to the rear axle centerline forward to the point on the horizontal spindle shaft (front axle) centerline on which the hub rides nearest to the kingpin bolt. Both sides must meet the wheelbase specification for the class.

CHANGE December 2011

TM 92 Figure 401 Chassis Specifications

[REPLACE]

Full Size Sprint Kart Wheel Base... 40" min

[WITH]

Full Size Sprint Kart Wheel Base 39 3/4" min

CHANGE December 2011

TM 97 412.3 DATA ACQUISITION SYSTEMS

[REPLACE]

412.3 DATA ACQUISITION SYSTEMS: On-board data acquisition systems and/or computer systems are allowed to retrieve the following information only: on-board RPM, water temperature, cylinder temperature, speed, exhaust temperature, lap timing (lateral G sensing), and computer scoring systems. One beacon only from each manufacture allowed on the race circuit on race days to be located in a designated area by a designated person. All other beacons found on the race circuit on race days will be confiscated and held by WKA to be returned through a request to the Board of Directors. Downloading in pits only.

[WITH]

412.3 DATA ACQUISITION SYSTEMS: On-board data acquisition systems and/or computer systems are allowed to retrieve the following information only: on-board RPM, water temperature, cylinder temperature, speed, exhaust temperature, lap timing (lateral G sensing), and computer scoring systems. Sensors and wiring for

other inputs must be removed from the kart during practice and racing. GPS based systems are allowed. Telemetry is not allowed; data can only be downloaded when kart is off of the racing surface and stationary. One beacon only from each manufacture allowed on the race circuit on race days to be located in a designated area by a designated person. All other beacons found on the race circuit on race days will be confiscated and held by WKA to be returned through a request to the Board of Directors. Data can only be downloaded in pits.

TM 100 451.3 WHEELBASE

[REPLACE]

451.3 WHEELBASE: Maximum 43.0", minimum 40.0", as measured longitudinally between the true axle centers.

[WITH]

451.3 WHEELBASE: Maximum 43.0", minimum 39 3/4". Wheelbase measurement is to be taken on a line beginning at a point perpendicular (90 degrees) to the rear axle centerline forward to the point on the horizontal spindle shaft (front axle) centerline on which the hub rides nearest to the kingpin bolt. Both sides must meet the wheelbase specification for the class.

CHANGE December 2011

TM 104 462.3 DATA ACQUISITION SYSTEMS

[REPLACE]

462.3 DATA ACQUISITION SYSTEMS: On-board data acquisition systems and/or computer systems are allowed to retrieve the following information only: on-board RPM, water temperature, cylinder temperature, speed, exhaust temperature, lap timing (lateral G sensing), and computer scoring systems. One beacon only from each manufacture allowed on the race circuit on race days to be located in a designated area by a designated person. All other beacons found on the race circuit on race days will be confiscated and held by WKA to be returned through a request to the Board of Directors. Downloading in pits only.

[WITH]

462.3N DATA ACQUISITION SYSTEMS: On-board data acquisition systems and/or computer systems are allowed to retrieve the following information only: on-board RPM, water temperature, cylinder temperature, speed, exhaust temperature, lap timing (lateral G sensing), and computer scoring systems. Sensors and wiring for other inputs must be removed from the kart during practice and racing. GPS based systems are allowed. Telemetry is not allowed; data can only be downloaded when kart is off of the racing surface and stationary. One beacon only from each manufacture allowed on the race circuit on race days to be located in a designated area by a designated

person. All other beacons found on the race circuit on race days will be confiscated and held by WKA to be returned through a request to the Board of Directors. Data can only be downloaded in pits.

main jet may be changed. (4) Driver: 11 tooth only.

CORRECTION December

2011

TM 120 554 RLV SPEC MUFFLERS

[DELETE]

End caps may be either welded on or screw attached until December 20, 2011 when welded on end caps are required.

CORRECTION December

2011

TM 128 601.12 PISTON, PIN & RINGS

[REPLACE]

KSI PISTON A 0.629", B 0.490", C 0.756"

[WITH]

KSI PISTON A 0.609", B 0.470", C 0.736"

CHANGE DECEMBER 2011

TM 156 704.36 PISTON

[REPLACE]

704.36 PISTON: Stock, unaltered Briggs & Stratton Animal piston MANDATORY.

[WITH]

704.36 PISTON: Stock Briggs & Stratton or Burris replacement piston only. Piston must be unaltered and conform to the specifications listed below.

CHANGE DECEMBER 2011

TM 157 706 BRIGGS & STRATTON ANIMAL MODIFIED ENGINE

[ADD]

Note: See Section 263.12 for supplemental Gold Cup rules. See Section 362.14 for supplemental Road Racing Series rules.

CHANGE December 2011

TM 165 708.14.3

[REPLACE]

TM 165 708.14.3

708.14.3 Length of valves must be 3.362" to 3.382".

[WITH]

TM 165 708.14.3 VALVE LENGTH

708.14.3 Minimum valve length is 3.360". Maximum valve length is 3.382".

CHANGE December 2011

TM 184 1014.26 VORTEX MINIROK

60

[ADD]

OTHER: (3) Carburetor: only the