

Frame: 1999 TrackMagic Dragon

Engine: Briggs & Stratton Raptor III

Class: Formula Junior 1 (age 8-11) or 3 (age 12-15)

Modifications:

- Engine Balanced and Blueprinted to WKA Specifications
- Carburetor Blueprinted to WKA specs w/Methanol Jetting

Drivers:

- Elyse Mottaz - began in 2000 – 2000 Fjr Champion, 2001 Fjr3 Champion, 2002 Fjr3 Champion.
- Jake Mottaz – began in 2001 – 2001 Fjr1 Champion, 2002 Fjr1 Champion.

SCCA Solo II Formula Junior Classes:

Formula Junior 1

AGE: 8-11

ENGINES: Box Stock B&S Raptor, Balanced and Blueprinted Raptor.

FUEL: Gas or Methanol

WEIGHT: Stock Gas Raptor: 225

B&B Gas Raptor: 245

B&B Methanol Raptor: 250

OTHER: No B&S controlled Stock, Modified, limited Modified or Open Motors

Formula Junior 2

AGE: 12-15

ENGINES: Box Stock B&S Raptor, Balanced and Blueprinted Raptor.

FUEL: Gas or Methanol

WEIGHT: Stock Gas Raptor: 225

B&B Gas Raptor: 250

B&B Methanol Raptor: 285

OTHER: No B&S controlled Stock, Modified, limited Modified or Open Motors

Formula Junior 3

AGE: 8-11 (basically mirrors 2002 WKA Mfr.'s cup series class, Yamaha Junior Sportsman)

ENGINE: Yamaha KT-100, only heads with OEM casting "Yamaha" and cylinders with Y3 or Y4 and 787 are legal.

FUEL: Gas and Oil

CARBURETOR: Walbro WA55b or HPV1 with WA55B manifold.

EXHAUST: RLV SSX-V. If hole exists in pipe for EGT sensor, EGT sensor probe must be in place. See fig. 554.3 in WKA Technical Manual. (see other for alternate configuration)

WEIGHT: 250

OTHER: Alternate configuration may be Walbro WB3A carburetor and 0.600 restrictor plate with RLV YBX exhaust (IKF Junior 1 class).

Formula Junior 4

AGE: 12-15 (basically mirrors 2002 WKA Mfr.'s cup series class, Formula Yamaha Junior)

ENGINE: Yamaha KT-100, only heads with OEM casting "Yamaha" and cylinders with Y3 or Y4 and 787 are legal.

CARBURETOR: Walbro WB3A.

EXHAUST: RLV SSX-V See fig. 554.3 in WKA Technical Manual.

FUEL: Gas and Oil

WEIGHT: 295