

GCR January 2018 Formula 500 Change Proposals

1. Fix Typos

Fix references

The F500 annex is 9.1.1.D, but all references in the section say 9.1.1.E. Replace all references that say 9.1.1.E with 9.1.1.D (or make relative references like F500.#).

GCR-260

Add the same Y-Pipe text in the “Outlet Restriction” column for the Rotax 494 Non-RAVE row (copy it from the RAVE row).

Remove all references to note 5, since there is no note 5 on the following page (and hasn’t been since the table was created?).

GCR-261

Modify note 4 “Competitors must be able to supply a ~~printed~~ factory service manual (either printed or electronically on an e-reader device), for the year of engine being used, to tech upon request.”

2. Fix Definition of “Restricted”

A restricted class is open except where explicitly stated otherwise. If the rules specify all things that are allowed, and it is understood that anything not specified is not allowed, that’s a spec class.

GCR-254

Change the 2nd chapter to:

Formula 500 is a restricted class. Modifications (changes or additions/subtractions) are allowed, unless specifically prohibited. However, if modifications are made, homologation may be required. Refer to section 9.2.2. for details.

3. Allow for repairs on engines and don’t over specify what is “stock components”

GCR-257

Update paragraph at end of “14. Snowmobile Derived Engines” to allow for repairs and remove explicit mention of components like water outlet elbows and ignition harness.

Engines must be assembled in stock configuration and no component of approved engines may be altered, modified, or changed, nor be of any other than original equipment manufacture unless specifically authorized. ~~Engine components shall be assembled in stock configuration. Stock configuration is defined as including: water outlet elbow, ignition harness, etc.~~ Repairs that do not impact performance are allowed (such as the use of thread inserts (e.g. Helicoil) for the engine mount bolts or starter mount bolts), as long as they are necessary for the operation of the engine and put the engine back to (as close as is feasible) a stock configuration.

5. Allow parts that have been rendered meaningless to be removed

GCR-261

Modify note 1 “Either upper or lower cylinder head water outlet may be blocked (or replaced with a blocking plate) in any safe manner to facilitate use of a single water outlet.”

6. Seats

Allow F500 cars to have seats other than the “one-piece bucket type seat” required by “9.3.40. SEATS”

9.1.1.D.? SEATS

One-piece bucket type seats (specified in 9.3.40) are not required, but if the seat is formed by the chassis or other components of the car (such as sheet metal covering the fuel cell, fire walls, etc.), the driver must be supported similarly to a one-piece bucket type seat (i.e. bottom, back, and sides). A head rest is still required (see the head rest requirements in 9.3.40).

7. Expand legal motorcycle engines where they haven't changed

GCR-260

Update the Honda CBR600RR entry to allow for years 2003-2016. Honda did not make any upgrades to the engine between 2013 and 2016 (ref https://en.wikipedia.org/wiki/Honda_CBR600RR), so there is no reason to exclude 2014-2016 engines.

Update the Suzuki GSXR-600 entry to allow for years 2003-2014. Suzuki did not make any upgrades to the engine between 2013 and 2014 (ref https://en.wikipedia.org/wiki/Suzuki_GSX-R600), so there is no reason to exclude the 2014 engine.