March 8, 2017 **Rules Clarification #RC 003**

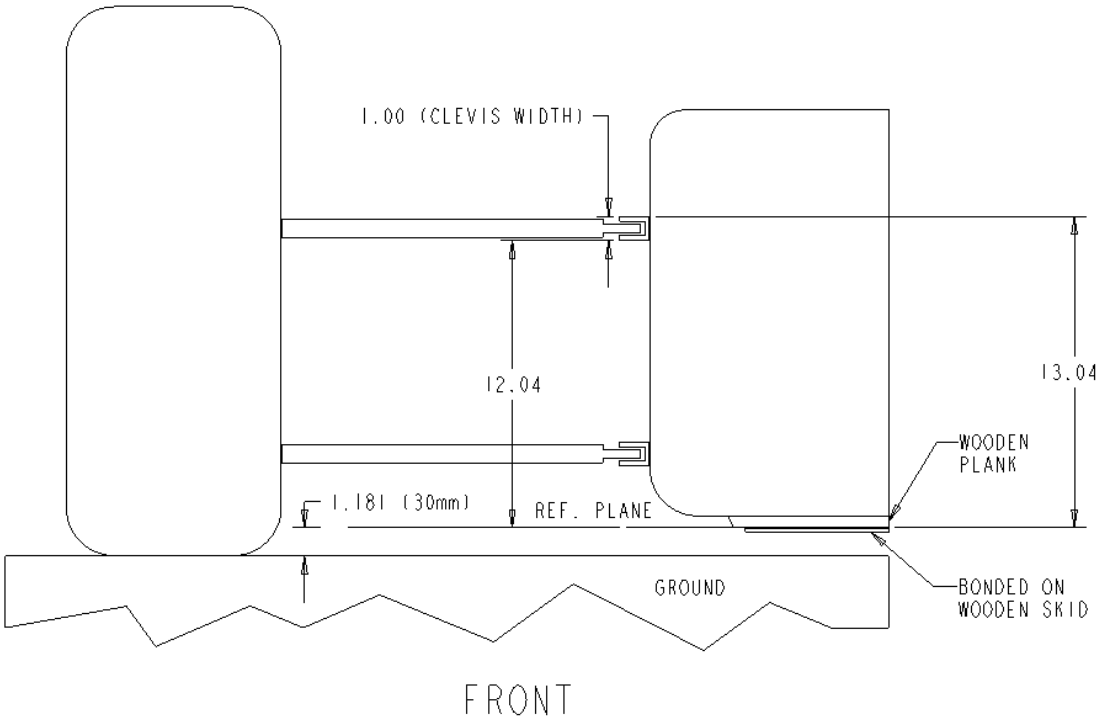
Ride Height Measurement / Onroak Reference Plane

<u>Regarding ride height measurement.</u>

On page 10 of the Crawford F4-16 Information Manual it states:

"Ride heights for this exercise are to the bottom of the wooden skid – lowest plane of the car."

Teams are advised that the dimensions quoted in the manual are, in fact, to a 'reference plane' corresponding to the bottom of the 'plank', and not to the bottom of the 'skid'. (Effectively, the glue joint between the two wooden components - see attached diagram).



In accordance with the Onroak recommended method of measuring ride heights, the 30mm ride height rule will also be checked relative to this reference plane, from the underside of the wishbone clevises, using 'go / no go 'gauges. The clevises are 1.00" wide. If teams wish to replicate these gauges, their dimensions will be:

FRONT: 12.04" + 1.181" (30mm) = 13.221" (335.8mm)

REAR: 11.62" + 1.181" (30mm) = 12.801" (325.1mm)

While the ride height rule terminology references, "no sprung part of the car", the 'skid' portion, (the piece containing the inspection holes - whose thickness varies with wear), is not included.

IF RIDE HEIGHTS ARE SET PER THE PROCEDURE IN THE MANUAL, YOU WILL BE LEGAL AT A MEASUREMENT OF 30mm.

For rules inquiries please contact Mike Wright – Technical Delegate F4 US Championship - by e-mail at:

mwright@sccapro.com

SCCA PRO RACING – 463 Southpoint Circle, Unit 400, Brownsburg, IN 46112 Phone: 785-862-7134

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