



# 2021 BriSCA F2 World Final - Technical Summary

## 14<sup>th</sup> September 2021

Detailed below is a summary of the technical checks performed for the 2021 BriSCA F2 World Championship.

### Weighing

- BriSCA F2's calibrated scales were made available to all World Finalists, all day, for setup and weight checks.
- ALL World-Finalists' cars were weighed prior to the championship race – **All passed** (some after adjustment).
- All overseas drivers' cars were weighed prior to, and immediately after time-trials – **All passed**.
- 7 randomly chosen cars were weighed between the grid-walk and parc-fermé – **All passed**.
- The top 5 finishers, plus the randomly chosen 9<sup>th</sup> place finisher were weighed post-race – **All passed**.

### Pre-Race Technical Checks

- A wide range of technical checks were carried out on ALL World Finalists' cars during the day.
- Pre-race technical checks were performed on World Finalists' cars at multiple locations: in the pits, during the public grid-walk, in parc-fermé, and entering the track for the parade lap prior to the race.
- 5 World Finalists' cars initially failed wing-height checks, but were successfully adjusted to the scrutineer's satisfaction.
- The scrutineers acknowledge the cooperation of the #629, Euan Millar, team for the swift manner in which an exhaust length issue was rectified during the public grid-walk.
- Other checks included, but were not limited to:
  - Shock absorbers and coil springs
  - Brakes
  - Exhaust systems
  - Wheels and tyres

### Post-Race Technical Checks

- Following weight checks, the cars of the 2<sup>nd</sup> to 5<sup>th</sup> place finishers (#H124, #560, #226, #NI747) had various components marked/sealed prior to release from the scrutineering shed to continue racing in the meeting.
- The #647, Chris Burgoyne, car was retained in the scrutineering shed, following a successful weight check, where an extensive technical inspection was performed, including, but not limited to the following:
  - Wheels, tyres, shock absorbers, coil springs and suspension components
  - Engine and seat fitment/location
  - Transmission – including differential ratio and half-shaft lengths
  - Carburettor, manifold, and exhaust system
  - ECU and wiring – including continuity testing
  - Full engine teardown including clutch and flywheel weights, pistons and con-rod checks, cylinder block height, valves, valve spring rates, camshafts and timing, crankshaft sensor
  - Chassis material specifications – including thickness
- **Following all checks, #647, Chris Burgoyne, was confirmed the winner of the 2021 BriSCA F2 World Championship.**
- A reduced set of checks (including carburettors, timing, chassis, and suspension) were subsequently performed on the 2<sup>nd</sup> to 4<sup>th</sup> placed cars of #H124 Wim Peeters, #560 Luke Wrench, and #226 Billy Webster.
  - The mandated under-seat safety protection plate was found to be missing on the #H124 car.
  - All other checks were completed successfully.
- Senior officials convened on Sunday morning to review the missing seat safety plate.
  - Having reviewed the issue, and contributing factors, the panel determined a disqualification from the result would be excessive.
  - Safety is a serious matter, however, and the driver has been fined (monies payable to the BriSCA F2 benevolent fund) and received a suspended technical infringement ban.
- **The confirmed result is: 647, H124, 560, 226, NI747, 7, 801, B96, 674, NI998**