Argon V1 first touchdown

2026-11-26 · R06 trial-19 · V1 panel_fit · TextToCAD

The main V1 panel_fit player uses the tuned R06 trial-19 run. The command starts on a level surface at 60 km/h. The right rear tyre touches first. The model meets the tyre-first criterion with a descent speed at or below 0.5 m/s.

Metric	V1 · trial-19
Airborne time	2.989 s
Forward distance	50.05 m
Peak assembly clearance	5.61 m
First contact	Right rear tyre
Contact point descent speed	0.427 m/s
Pitch at first contact	+0.30°
Front splitter clearance at contact	104.4 mm
Front tyre clearance at contact	≈ 16.8 mm
Left rear tyre clearance at contact	0.06 mm

The calculation ends at first contact. Suspension loads, transfer to the front axle, rollout and physical validation remain open. Clearances were checked against the R06 CAD support envelope and tyre model. The result applies to this V1 run.

In the original 22 November R06 run, V1 touched with the front splitter at 3.905 m/s down. That run supports the historical stabilization comparison. V2, Kickflip, Encore and the R12 road study each retain their own evidence.

