The N1 tabletop mark

In both rooms, the marker centre sits 556 mm forward and 30.0 mm to the right of the F1b seated datum.



Curved room B / return at frame 836

Basic occupancy, S1 centred. The N1 chair is 20 mm forward and 20 mm left. The amber line joins the returning traveller's eye to N1.

F1b seated datum

556 mm forward **30.0 mm right** Marker centre on N1

Sightline clearance

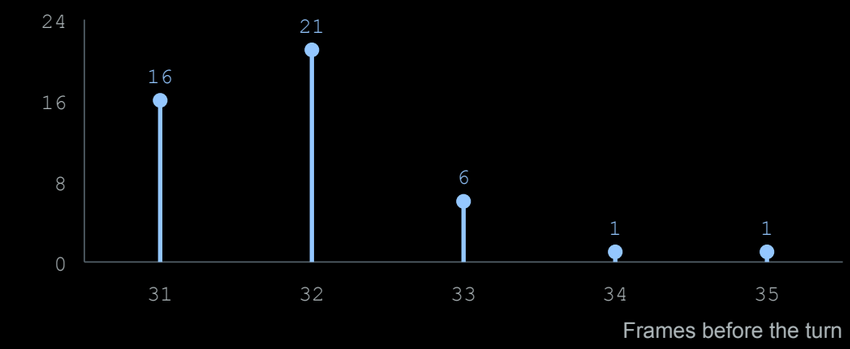
Point 18 at the last frame before the turn (mm)



At 30.0 mm the minimum clearance increases by 0.832 mm across the 180 broader-body return trips.

Visibility before the turn

Number of cases by shortest lead across four trips



Each of the 45 cases has the same shortest lead at the experimental boundary and at 30.0 mm.

Returning to the mark

At the experimental boundary (≈29.02 mm right), the nominal points and the Rhino face first match the 30.0 mm case results in the tested grid.



Straight room B′ / return at frame 804

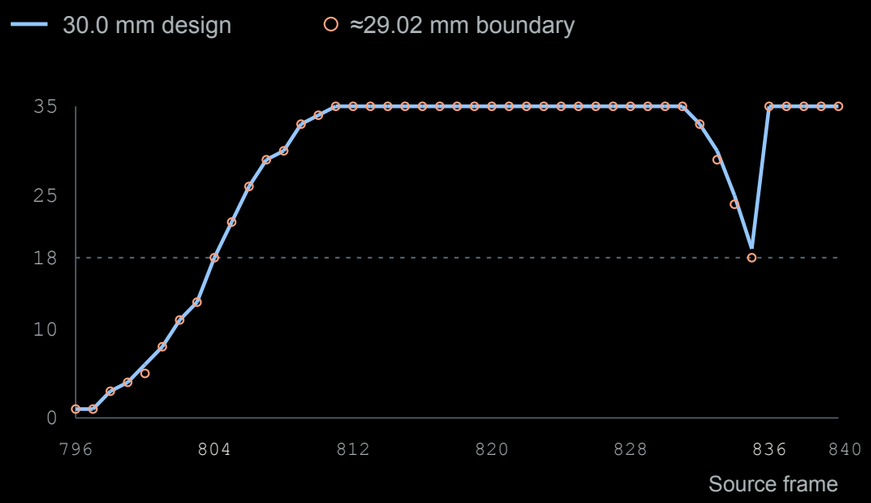
Basic occupancy, S1 centred. The N1 chair is 20 mm forward and centred laterally. The amber line joins the returning traveller's eye to N1.

F1b seated datum

556 mm forward **30.0 mm right** Marker centre on N1

The final approach

Visible points out of 35 in the straight room



At frame 804 the broader body sees 18 of the 35 points at both positions. On the last frame before the turn, frame 835, the count is 18 at the boundary and 19 at the selected position.

Across both rooms

574 chair-position and posture combinations

451 pass all eight round trips.

369 of those also pass frame 804 on all four broader-body trips.