



Informal Document GRSP-74-20
(74th GRSP, 4-8 December 2023,
agenda item 5)

UN R14: Proposal on Alternative Anchorage Positions

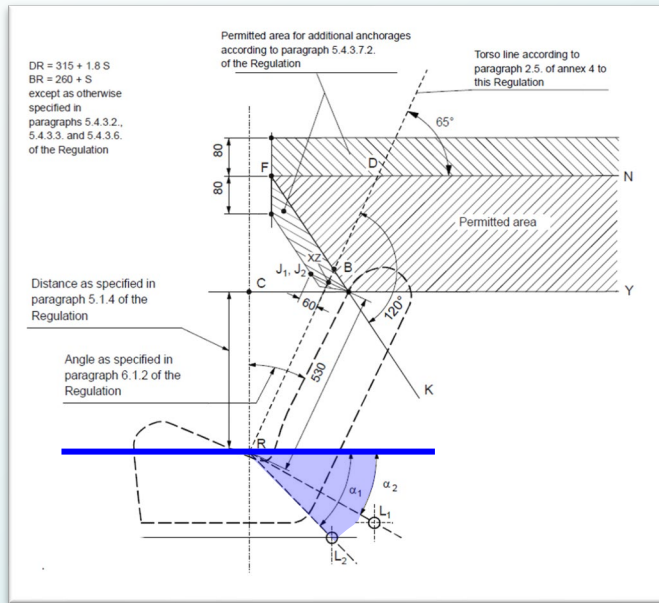


Lower Anchorage Points

Two Possible Areas in Document GRSP/2023/28

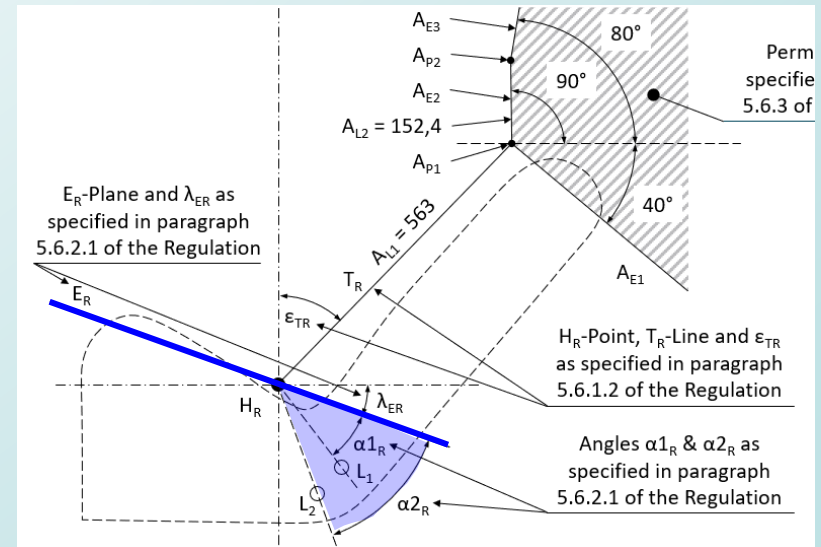
When moving the seat into the extended use position, the permitted area for lower anchorage points are either

- Not affected by the change



→ Permitted area will not change.
 $\lambda_{ER} = 0$

- Affected by the change

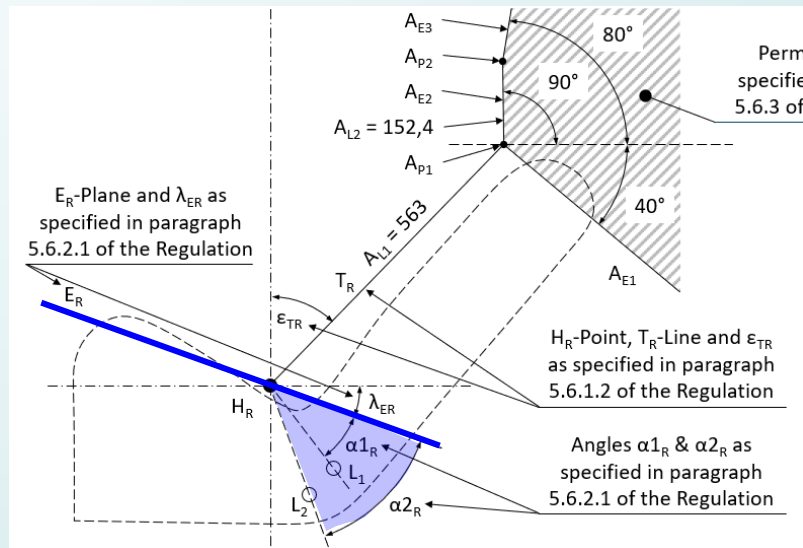


→ Permitted Area will change.
 $\lambda_{ER} = \text{change of cushion's inclination}$



Further Amendments

- It was brought to attention that there might be solutions, which will not have a dependency of the lower anchorage points on the seat cushion's inclination, but would need a tilted permitted area.
- In this case, the permitted area shall move by one third of the change in inclination of the seatback.
- This follows a study, where there was found such a dependency between the Torso and Pelvis angle.



→ Permitted Area will change.
 λ_{ER} = change of $\frac{1}{3}$ of the inclination change of the seatback