

French considerations on R 22 - Helmets

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French considerations on R22

- Motorcycle helmets have been evolving for several years thanks to new technologies
- Research in biomechanical for head protection has made a lot of progress
- Last series of amendments of R22 entered into force in 2000 (last supplement 2012)
- Clarifications / new procedures or requirements needed to be added to take into account these new elements

French considerations on R22

- Movable protective lower face cover

J + P marking

- Additional sun visor / double visor, luminous transmittance (§ 2.12.), sun visor definition (CE EN1938 marking, mechanical characteristics (§ 7.8.2.))



French considerations on R22

- New add on to take into account:

Lightning equipment



Cameras



Audio – phone equipment



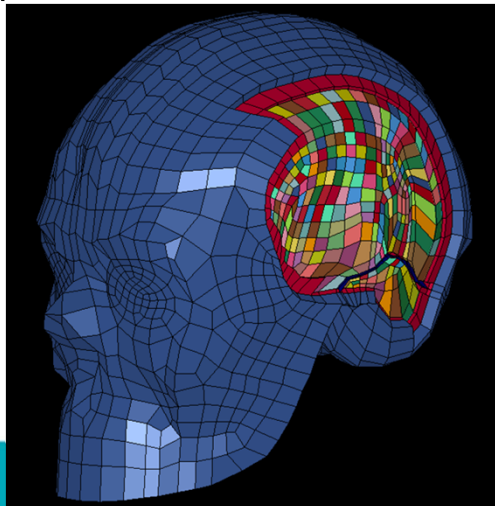
Design equipment

French considerations on R22

- Progress in research for head protection improvement
- New model (Finite element head model) with brain and skull

Studies from Strasbourg University (Pr Remy Willinger)

New tests (oblique impact) and additional criteria
(linear and rotational acceleration) ?



New head for testing ?



Thanks for your attention



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