



EC WorldSID-5F Work Programme

Presented by David Hynd
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Status of Evaluation Activities

Introduction

- Three areas of work proposed
 - Multi-point chest deflection measurement
 - Biofidelity
 - Injury risk

Status of Evaluation Activities

Progress

- No progress on implementing RibEye in WorldSID-5F
 - Technical challenges with implementation
 - Funding also a problem
 - Unlikely to have implementation within project timescale

- ISO group working on selection of subjects from available PMHS data
 - Additional review of sled test data in TR 12350 to determine which PMHS aligned with the force plates in a similar way, i.e.
 - Some hit the thorax plate with the shoulder
 - Some had the shoulder above the thorax plate

Status of Evaluation Activities

Progress

- ISO looking at scaling of the test condition, particularly for sled tests
 - For impactor tests, we may just be able to scale the existing data from Aprosys
 - No RibEye will be fitted to 5F
 - Particularly scale up to more severe tests that could not be performed in Aprosys because of the risk of dummy damage
 - ISO method assumes dummy response is linear – propose a series of tests to confirm this at higher loads
 - [Update: NHTSA have performed thorax and shoulder tests and performance is linear. TRL will test the pelvis.]

- Will also perform biofidelity and/or injury risk tests to fill gaps identified by ISO/IG



Do You Have Any Questions?



Thank you

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