
The Aerospace Plane Design Challenge: Credible Computational Fluid Dynamics Results

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THE CFD DESIGN TECHNOLOGY DEVELOPMENT TRIAD

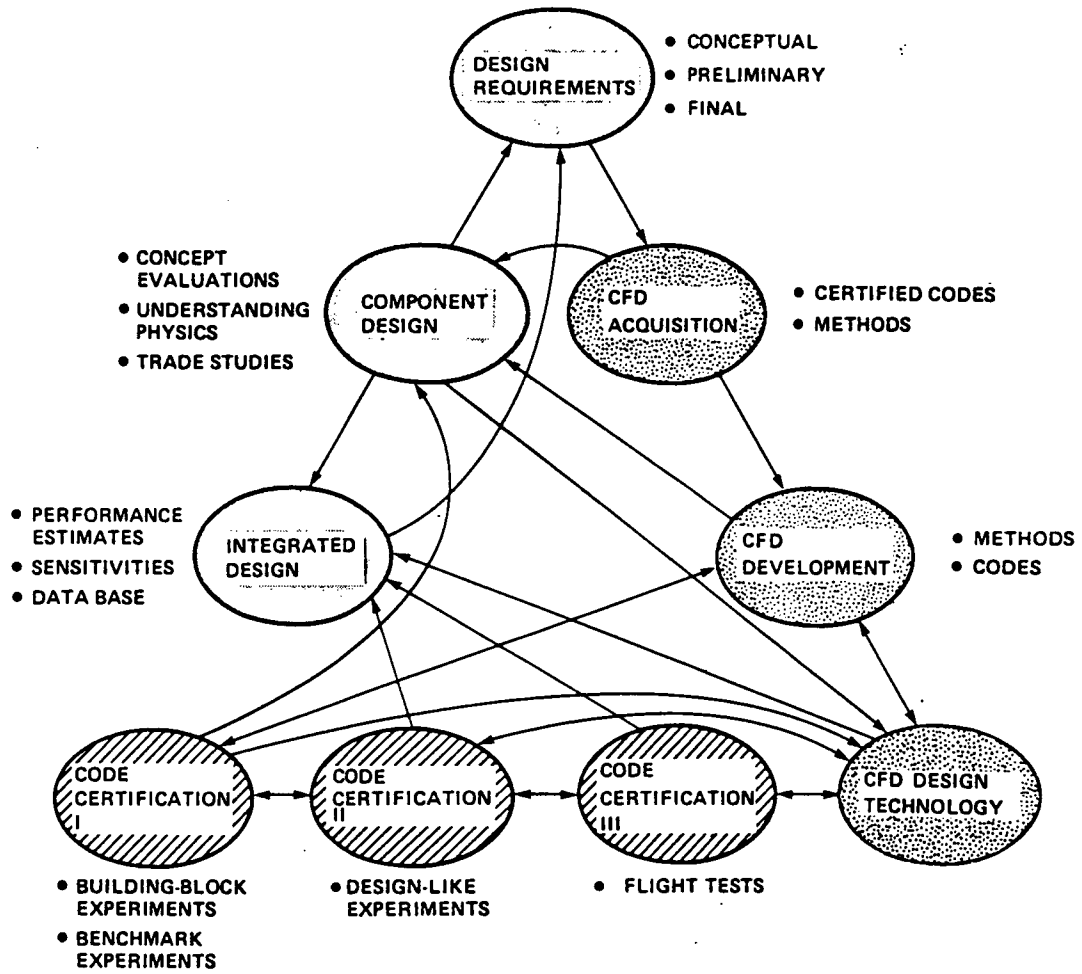


Figure 1: The CFD design technology development triad (from Ref. 14).

COMPUTATIONAL FLUID DYNAMICS VALIDATION VIS-À-VIS MEASURABLE FLUID DYNAMICS VALIDATION

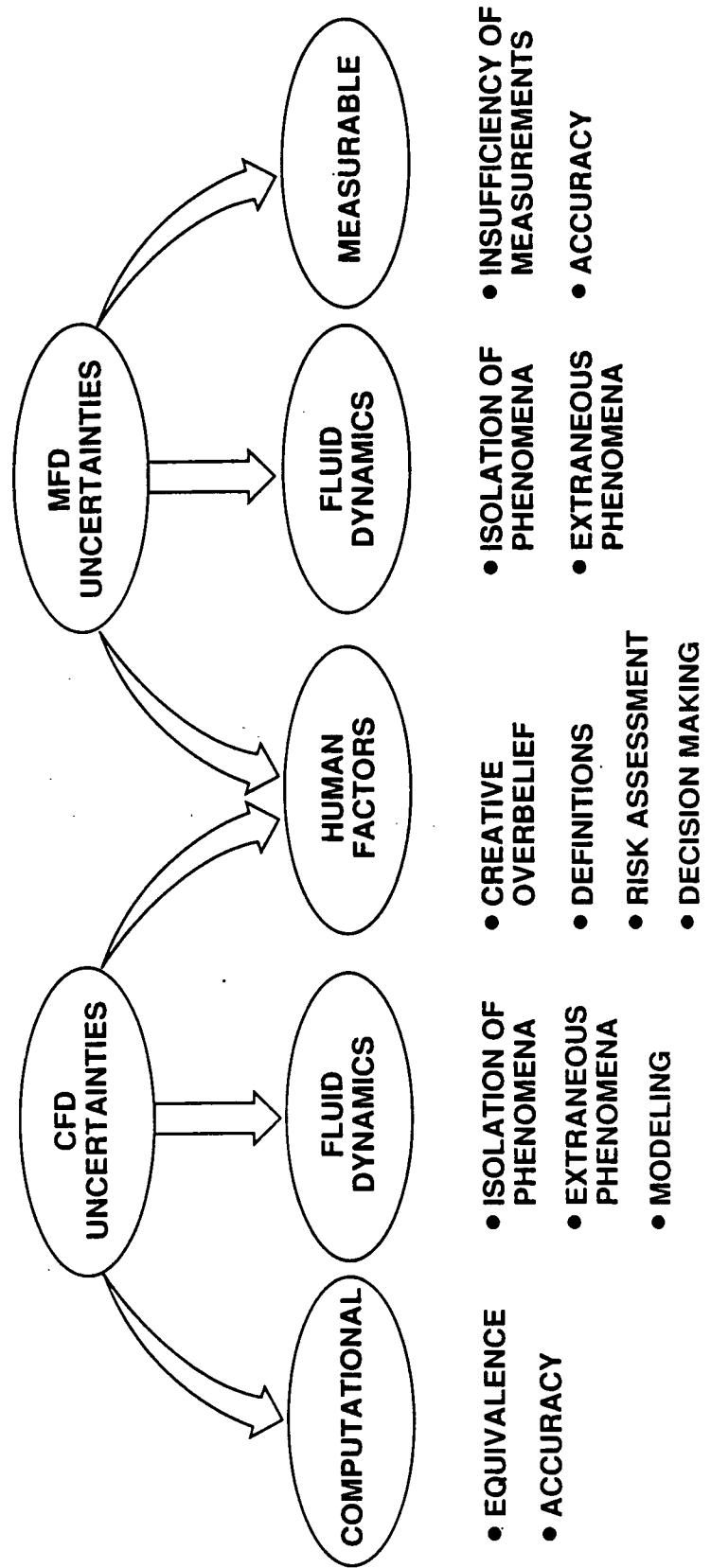


Figure 2: Computational fluid dynamics validation vis-à-vis measurable fluid dynamics validation.