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## **TASK 2.3.2: .TEST SIMULATION, PLANNING & MEASUREMENT. SOFTWARE TOOLS TO ENABLE EFFICIENT TEST PLANNING AND INTEGRATION APPLIED TO FULL-FIELD MEASUREMENT METHODS**

### **Executive Summary**

This document describes:

- Test rig design for the measurement of the dynamic properties of cylindrical type structures (e.g. aeroengine casings) using full-field, LASER based, methods.
- Software tool developed to upload the measured data from the abovementioned rig onto a Finite Element Model for its numerical correlation against predictions.