

**National
Aeronautical
Laboratory**

Documentation Sheet

Document Classification

RESTRICTED

Title : **Surface Pressure Distributions on
an Axisymmetric Underwater Body
- Theory and Experiment**

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Contents

Division : **Fluid Mechanics**

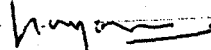
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Keywords : **Surface Pressure distribution - Axisymmetric body with
ogive nose - Wind Tunnel Testing - Computation -
Comparison**

Abstract :

Body Surface Pressures are measured on an axisymmetric underwater body having a fineness ratio of 15. The model is wind tunnel tested at low speeds for incidences upto 8 degrees. The results are compared with computations obtained using an available potential code. The agreement is satisfactory for moderate incidences.