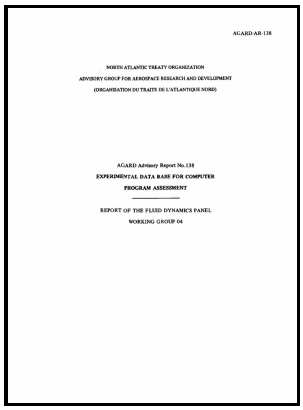
# Technical evaluation report on AGARD specialists meeting on Aerodynamic interference.

## AGARD - DTIC ADA096824: Technical Evaluation Report on the Fluid Dynamics Panel Symposium on Subsonic/Transonic Configuration Aerodynamics. : Defense Technical Information Center : Free Download, Borrow, and Streaming : Internet Archive




Description: -
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Aerodynamic interference.Technical evaluation report on AGARD specialists meeting on Aerodynamic interference.
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AGARD advisory report -- 34Technical evaluation report on AGARD specialists meeting on Aerodynamic interference.
Notes: The proceedings are published as AGARD conference proceedings No.71, 1971.
This edition was published in 1971



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Palitz Report Number: NASA-TM-X-1469 Performing Organization: NASA Dryden Flight Research Center, Edwards, CA Abstract: Wind tunnel study of flow field beneath X-15 aircraft fuselage at supersonic to hypersonic speeds.

**agard advisory group for aerospace research**

Thompson Report Number: H-486 Performing Organization: NASA Dryden Flight Research Center, Edwards, CA Abstract: No abstract available. In the current study, the flow behavior due to the variation of the tail angle of attack and its deflection has been investigated on a body—tail with a controlling tail. Pages: 33 Keywords: Aerodynamic characteristics; Gliding; Lift drag ratio; Lifting bodies; Subsonic speed.

**STO**

Correction is still appropriate for certain kinds of production tests, but understanding the interference itself is more appropriate for computational fluid dynamics CFD validation activities.

**Investigation of the effects of angle of attack and tail deflection angle on the controlling tail flow field**

Although both of the documents still contain valid information, the requirements placed on the field of wall interference are increasingly stringent in alignment with computational prediction and validation requirements. Pages: 15 Keywords: Aerodynamic characteristics; Controllability; Cruising flight; Hypersonic aircraft. Univeristy of Idaho , Varghese, P.

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Kluever Report Number: H-448 Performing Organization: NASA Dryden Flight Research Center, Edwards, CA Abstract: Free flying lunar landing research vehicle tested for more than two years and used in lunar landing simulations supporting Apollo project. Orlik-Ruckemann KJ 1982 Unsteady aerodynamics and dynamic stability at high angles of attack.

**Technical Evaluation Report On The Agard Specialists Meeting On Failur**

Erickson GE 1991 Wind tunnel investigation of the interaction and breakdown characteristics of slender-wing vortices at subsonic, transonic, and supersonic speeds.

**A simple analytical model to describe the impact of wing on the flowfield over the tail in subsonic flow**

This essentially practical book, complied from the contributions of leading professionals in the field, describes a wide range of test methods which can be applied to various types of advanced fibre composites. IN- SPACE TECHNOLOGY CONFERENCE, PALO ALTO, CALIF. Carpenter and Shiban Awni Report Number: H-459 Performing Organization: NASA Dryden Flight Research Center, Edwards, CA Abstract: Correlation between heart rate, landing error and field of view for binocular and monocular sphere of vision of jet pilots.

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