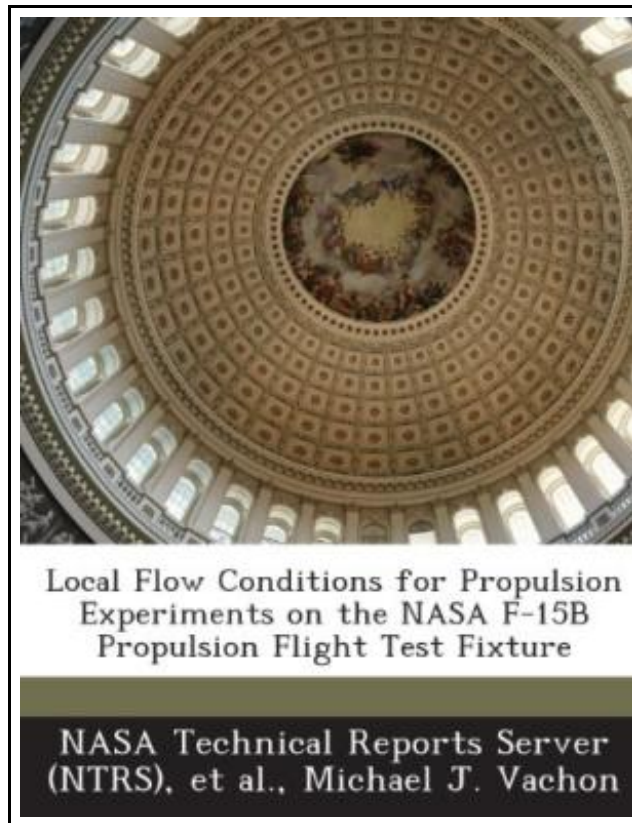


Local Flow Conditions for Propulsion Experiments on the NASA F-15b Propulsion Flight Test Fixture



Filesize: 3.36 MB

Reviews

This type of book is every thing and made me seeking forward and more. It is amongst the most awesome publication we have go through. Its been developed in an exceptionally straightforward way and it is only soon after i finished reading this ebook by which actually altered me, alter the way i believe.

(Mrs. Serena Wunsch)

LOCAL FLOW CONDITIONS FOR PROPULSION EXPERIMENTS ON THE NASA F-15B PROPULSION FLIGHT TEST FIXTURE

DOWNLOAD



To save **Local Flow Conditions for Propulsion Experiments on the NASA F-15b Propulsion Flight Test Fixture** PDF, you should access the web link beneath and save the ebook or gain access to other information which are relevant to LOCAL FLOW CONDITIONS FOR PROPULSION EXPERIMENTS ON THE NASA F-15B PROPULSION FLIGHT TEST FIXTURE book.

BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 36 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. Local flow conditions were measured underneath the National Aeronautics and Space Administration F-15B airplane to support development of future experiments on the Propulsion Flight Test Fixture (PFTF). The local Mach number and flow angles were measured using a conventional air data boom on a cone-cylinder mounted under the PFTF and compared with the airplane air data nose boom measurements. At subsonic flight speeds, the airplane and PFTF Mach numbers were approximately equal. Transonic Mach number values were up to 0.1 greater at the PFTF than the airplane, which is a counterintuitive result. The PFTF local supersonic Mach numbers were as much as 0.46 less than the airplane values. The maximum local Mach number at the PFTF was approximately 1.6 at an airplane Mach number near 2.0. The PFTF local angle of attack was negative at all Mach numbers, ranging from -3 to -8 degrees. When the airplane angle of sideslip was zero, the PFTF local value was zero between Mach 0.8 and Mach 1.1, -2 degrees between Mach 1.1 and Mach 1.5, and increased from zero to 1 degree from Mach 1.5 to Mach 2.0. Airplane inlet shock waves crossed the aerodynamic interface plane between Mach 1.85 and Mach 1.90. This item ships from La Vergne, TN. Paperback.



[Read Local Flow Conditions for Propulsion Experiments on the NASA F-15b Propulsion Flight Test Fixture Online](#)



[Download PDF Local Flow Conditions for Propulsion Experiments on the NASA F-15b Propulsion Flight Test Fixture](#)

Relevant Kindle Books



[PDF] Animalogy: Animal Analogies

Click the link below to download and read "Animalogy: Animal Analogies" PDF file.

[Save ePub »](#)



[PDF] The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up

Click the link below to download and read "The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up" PDF file.

[Save ePub »](#)



[PDF] Molly on the Shore, BFMS 1 Study score

Click the link below to download and read "Molly on the Shore, BFMS 1 Study score" PDF file.

[Save ePub »](#)



[PDF] Yearbook Volume 15

Click the link below to download and read "Yearbook Volume 15" PDF file.

[Save ePub »](#)



[PDF] DK Readers Robin Hood Level 4 Proficient Readers

Click the link below to download and read "DK Readers Robin Hood Level 4 Proficient Readers" PDF file.

[Save ePub »](#)



[PDF] The Stories Julian Tells A Stepping Stone BookTM

Click the link below to download and read "The Stories Julian Tells A Stepping Stone BookTM" PDF file.

[Save ePub »](#)