40- By 80-Foot Wind Tunnel Integrated Systems Test / Moore Reassigned, Cohen Named JSC Director / Dr. Gene Levin: Master Problem Solver / Ames Hosts Pacific Southwest Section Of ASEE (The Astrogram, V By Deidra Anne Mudurian

By Deidra Anne Mudurian

25 years inside the world's largest wind tunnel -
An XSB2D-1 Navy/Douglas aircraft mounted in the 40-foot-by-80-foot test section viewed from center point in guide vanes. This was the first model tested in the tunnel

40- By 80-foot Wind Tunnel Reopens / Ames Begins -
40- By 80-foot Wind Tunnel Reopens / Ames Begins Major Research Effort in Artificial Intelligence / Tiltrotor Aircraft Concept May Have Worlwide Applications / Dr

51st AIAA Aerospace Sciences Meeting including the -
1 American Institute of Aeronautics and Astronautics Airloads Correlation of the UH-60A Rotor Inside the 40- by 80-Foot Wind Tunnel I-Chung Chang1, Thomas R. Norman2

Airloads Correlation of the UH-60A Rotor inside -
The wind tunnel was modeled in a simplified sense as a straight tunnel section of length 247.6 feet with the cross section dimensions exactly as that of the test section.

Tests in the Ames 40- by 80-foot wind tunnel of an -
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World's Largest Wind Tunnel 1987 NASA Ames -
Nov 01, 2012 more at "NASA's National Full Scale Aerodynamics Complex, which houses two of the world's largest wind tunnels and

Bldg N221 - 40' x 80' Wind Tunnel (Mountain View, -
Bldg N221 - 40' x 80' Wind Tunnel 40' x 80' Wind Tunnel The National Full-Scale Aerodynamics Complex the 40x80-foot and the 80x120-foot wind tunnels.

Aerodynamic characteristics of the modified 40- by -
Aerodynamic characteristics of the modified 40- by 80-foot wind tunnel as measured in a 1/50th-scale model

NASA Technical Reports Server (NTRS) - Tests of a -
Tests of a Northrop XSSM-A-3 Missile in the Ames 40- by 80-Foot Wind Tunnel: Stability and Control: NTRS Full-Text: Click to View [PDF Size: 116.2 MB]

Reduction of Background Noise in the NASA Ames 40- -
Reduction of Background Noise in the NASA Ames 40- by 80- Foot Wind Tunnel Stephen M. Jaeger* Christopher S. Allen* Sterling Federal Systems NASA Ames Division

Students - Wind Tunnel History -
Jul 02, 2014 History of Wind Tunnels: 40- by 80-Foot Tunnel: Carl Bioletti: NACA Ames: NACA Lewis: 1955: 10- by 10-Foot Supersonic Wind Tunnel: NACA Lewis: 1955

AEDC extends beyond Tennessee: Tunnel 9 and NFAC -
and John Lafferty ready a Hypersonic Technology Vehicle-1 model prior to a Hypervelocity Wind Tunnel 9 speeds since the 40-by-80-foot wind tunnel was

Investigation of a Full-Scale Wide Chord Blade -
ADA528740. Title : Investigation of a Full-Scale Wide Chord Blade Rotor System in the NASA Ames 40- by 80-Foot Wind Tunnel. Descriptive Note : Conference paper

NASA Technical Reports Server (NTRS) - Reduction -
Reduction of Background Noise in the NASA Ames 40- by 80-Foot Wind Tunnel: NTRS Full-Text: Click to View [PDF Size: 138 KB] Author and Affiliation:

Shake Test Results of the MDHC Test Stand in the -
NASA Technical Memorandum 108801 Shake Test Results of the MDHC Test Stand in the 40- by 80-Foot Wind Tunnel Benton Lau and Randall Peterson, Ames Research Center

Human Systems Integration Division @ NASA Ames -
Manager for leadership of design and testing of the 5% Technology Concept HSR model in the Langley 14- by 22-Foot Wind Tunnel the 40- by 80-Foot Wind Tunnel

Modification of the Ames 40- by 80-foot wind -
Modification of the Ames 40- by 80-foot wind tunnel for component acoustic testing for the second generation supersonic transport

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NACA UK Mirror report description page -
Tests in the Ames 40- by 80-foot wind tunnel of the effects of varying wing modifications on the longitudinal characteristics of two-triangular wing airplane models

Aerodynamic characteristics of the 40- by 80/ 80- -
Aerodynamic characteristics of the 40-by 80/80- by 120-foot wind tunnel at NASA Ames Research Center [microform] / Victor R. Corsiglia, Lawrence E. Olson, and Michael

List of wind tunnels - Wikipedia, the free -
40 ft 80 ft (12 m 24 m) Subsonic: Mountain View, California: Wind Shear's Full Scale, Rolling Road, Automotive Wind Tunnel: Wind Shear: Concord, North Carolina:

National Full-Scale Aerodynamics Complex -
National Full Scale Aerodynamics Complex (NFAC) The 40-by-80 foot wind tunnel circuit is capable of providing test velocities up to 300 knots.

Improving Large-Scale Testing Capability by -
W. WARMBRODT. 2012. Dynamic characteristics of the 40- by 80-/80- by 120-foot wind tunnel drive fan blades. 24th Structures, Structural Dynamics and Materials Conference.