

1. "ISO 10302 International Standard, Acoustics--Method for the measurement of airborne noise emitted by small air moving devices,"
2. "ISO 3744 International Standard, Acoustics--Determination of sound power levels of noise sources using sound pressure--Engineering method in an essentially free field over a reflecting plane,"
3. "ISO 3741 International Standard, Acoustics--Determination of sound power levels of noise sources using sound pressure--Precision methods for reverberation rooms,"
4. "ANSI/ASHRAE 68-1997--Laboratory Method of Testing to Determine the Sound Power in a Duct,"
5. "Life Support and Habitation and Planetary Protection Workshop," TM-2006-213485, 2006.
6. Allen, C. S. et al., "Guidelines and Capabilities for Designing Human Missions," NASA TM-2003-210785, 2003.
7. Barta, D. J. and Ewert, M., "Life Support System Technology Development for Exploration Missions," 2008.
8. Baugh, E., "Fan Optimization for mobile system installed conditions," *NoiseCon07*, **Vol. 116 Issue 1**, 2007, 250-258.
9. Baugh, E., "Impact of inlet restriction on acoustics for blowers in notebook PC's," **Vol. 115 Issue 1**, 2006, 196-204.
10. Baugh, E., "Comparison of on-plenum to in-system blower noise," *NoiseCon07*, **Vol. 116 Issue 1**, 2007, 230-240.
11. Baugh, E. and MacDonald, M., "Constant sound power fan curves for small blowers," *NoiseCon07*, **Vol. 116 Issue 241**, 2007, 241-249.
12. Beltman, W. M., "A tool for the acoustic design of computer systems," *ISMA*, Vol. V, K.U. Leuven, 2002, 2389-2398.
13. Beltman, W. M., "Quantification and modeling of fan installation effects," *NoiseCon06*, **Vol. 116 Issue 1**, 2006, 269-277.
14. Burley, R. R. and Harrington, D. E., "Experimental evaluation of honeycomb/screen configurations and short contraction section for NASA Lewis Research Center's Altitude Wind Tunnel," NASA TP-2692, 1987.
15. Carrasquillo, R. L., "ISS ECLSS Technology Evolution for Exploration," AIAA-2005-337, 2005.
16. Converse, D. G., "The Development of Fans for the International Space Station," SAE-972382, 1997.
17. Gullbrand, J., Beltman, W. M., MacDonald, Cordova, "Sound quality investigation of notebook inlet grilles," *NoiseCon07*, **Vol 116. Issue 1**, 2007, 1512-1523.
18. Gullbrand, J., MacDonald, Nishi, Baugh, E., "Notebook blower acoustic and airflow dependence on inlet gap and grille design," *Fan Noise07*, 2007,
19. Ham, L., "Constellation Program's Technology Development Needs," 2008.
20. Hansen, L. N., "Introduction to the Altair Project," *3rd AIAA Space Exploration Conference and Exhibit*, 2008,
21. Denton, J. D., "Lessons from rotor 37," *Journal of Thermal Science*, **Vol 6, Issue 1**, 1997, 1-13.
22. Kameier, F. and Neise, W., "Reduction of tip clearance loss and tip clearance noise in axial-flow machines," *AGARD PEP 85th Meeting on Loss Mechanisms and Unsteady Flows in Turbomachines*, 1995,

23. Kameler, F., Nawrot, T. and Neise, W., "Experimental investigation of tip clearance noise in axial flow machines," *DGLR/AIAA Aeroacoustics Conference, 14th, Vol. I*, 1992, 250-259.
24. Koch, L. D. and VanZante, D. E., "Cool and Quiet Partnering to Enhance the Aerodynamic and Acoustic Performance of Installed Electronics Cooling Fans A White Paper," NASA TM-2006-214449, 2006.
25. Koch, L. D., VanZante, D. E., Wernet, M. and Podboy, G. G., "An Assessment of NASA Glenn's Aeroacoustic Experimental and Predictive Capabilities for Installed Cooling Fans; Part 2: Source Identification and Validation," NASA TM-2006-214450, 2006.
26. Lange, K. E., Perka, A. T., Duffield, B. E. and Jeng, F. F., "Bounding the Spacecraft Atmosphere Design Space for Future Exploration Missions," NASA CR-2005-213689, 2005.
27. Loehrke, R. I. and Nagib, H. M., "Control of free stream turbulence by means of honeycombs: a balance between suppression and generation," ASME 76-FE-2 (A76-28427), 1976.
28. Mann, D., "Fan Technology: Evolutionary Potential and Evolutionary Limits," TRIZ-Journal04, 2004.
29. Misoda, J. and Magliozzi, B., "Fan and pump noise control," NASA CR-128986, 1973.
30. Murry, R. P., "An air bearing fan for EVA Suit Ventilation," SAE-901432, 1990.
31. Nagib, H. M., Marion, A. and Tan-atichat, J., "On the design of contractions and settling chambers for optimal turbulence manipulation in wind tunnels," AIAA-84-0536, 1984.
32. Nason, R. L. and Heidmann, M. J., "Performance Characteristics of the Space Station Avionics Air Cooling Package," SAE-961352, 1996.
33. Nelson, D. A., "Nose emission testing requirements for spaceflight hardware," *NoiseCon03, Vol. 112 Issue 1*, 2003, 813-820.
34. Nelson, D. A., "Axial fan installation effects due to inlet flow distortions," *InterNoise06, Vol. 115 Issue 1*, 2006, 3330-3337.
35. Nelson, D. A., "Fan selection and installation issues related to spaceflight hardware," *Vol. 116, Issue 1, Vol. 116 Issue 1*, 2007, 770-776.
36. Nelson, D. A., "A Computer-Based Acoustical Measurement System at NASA Glenn Research Center," *Vol. 112 Issue 1*, 2003, 806-812.
37. O'Connor, E. W., "Space Vehicle Fan Package Acoustic Characteristics," SAE-951647, 1995.
38. Piper, G. E., Watkins, J. M. and Thorp III, O. G., "Active Control of Axial-flow Fan Noise with Magnetic Bearings," *Journal of Vibration and Control, 11(9)*, 2005, 1221-1232.
39. Porro, A. R., Hingst, W. R., Wasserbauer, C. A. and Andrews, T. B., "The NASA Lewis Research Center internal fluid mechanics facility," NASA TM-105187, 1991.
40. Smith, "Compressor aero design at General Electric before CFD," ISABE-2001-1002, 2001.
41. Strazisar, A., "The Role of Physical Experiments in Advancing the Design of Aircraft Gas Turbine Compressors," 2003.
42. Strazisar, A., Wood, J. R., Hathaway, M. D. and Suder, K. L., "Laser anemometer

- measurements in a transonic axial-flow fan rotor," NASA TP-2879, 1989.
43. Tan-atichat, J., Nagib, H. M. and Loehrke, R. I., "Interaction of free-stream turbulence with screens and grids: a balance between turbulence scales," *Journal of Fluid Mechanics*, **Vol. 114**, 1982, pp 501-528.
 44. Tyler, J. M. and Sofrin, T. G., "Axial Flow Compressor Noise Studies," *SAE Transactions*, **70**, 1962, 309-332.
 45. Van Zante, D. E., Strazisar, A., Wood, J. R., Hathaway, M. D. and Okiishi, T. H., "Recommendations for achieving accurate numerical simulations of tip clearance flows in transonic compressor rotors," *Journal of Turbomachinery*, **Vol. 122 Issue 4**, 2000, 733-742.
 46. VanZante, D. E., Koch, L. D., Wernet, M. and Podboy, G. G., "An Assessment of NASA Glenn's Aeroacoustic Experimental and Predictive Capabilities for Installed Cooling Fans: Part 1: Aerodynamic Performance," NASA TM-2006-214448, 2006.
 47. Weiland, P. O., "Living Together in Space: The Design and Operation of the Life Support Systems on the International Space Station, Volume I," NASA TM-1998-206956, 1998.
 48. Woodward, R. P., Elliott, D. M., Hughes, C. E. and Berton, J. J., "Benefits of Swept and Leaned Stators for Fan Noise Reduction," NASA TM-1998-208661, 1998.