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Titolo	Low-altitude wind shear and its hazard to aviation [[electronic resource]] : report of the Committee on Low-Altitude Wind Shear and Its Hazard to Aviation : a joint study / / Commission on Engineering and Technical Systems, Aeronautics and Space Engineering Board [and] Commission on Physical Sciences, Mathematics, and Resources, Atmospheric Sciences and Climate Board, National Research Council
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""Low-Level Jet Streams""; ""Tornadoes""; ""GROUND-BASED SENSING OF LOW-ALTITUDE WIND SHEAR""; ""Low-Level Wind Shear Alert System""; ""Pressure Sensors""; ""Ground-Based Microwave Radar""; ""Microwave Doppler Radar""; ""Next Generation Radar (NEXRAD)""; ""A Terminal Radar for Wind-Shear Detection""""Remote Sensing by Means of FM-CW Radar""; ""Longer-Wavelength Profiling Radar""; ""Doppler Lidar""; ""Acoustic Sounding""; ""AIRBORNE REMOTE SENSING OF WIND SHEAR""; ""Microwave Doppler Radar""; ""Doppler Lidar""; ""Passive Infrared Radiometry""; ""INTERPRETATION AND COMMUNICATION TO AIR TRAFFIC CONTROLLERS AND PILOTS""; ""WIND-SHEAR PREDICTION""; ""NATIONAL WEATHER SERVICE INTERACTION WITH THE FEDERAL AVIATION ADMINISTRATION""; ""Dissemination of Weather Advisories""; ""3 Aircraft Performance and Operations""; ""WIND-SHEAR WARNINGS""; ""COCKPIT PROCEDURES AND TRAINING""""FAA Regulations""; ""Operating Procedures""; ""AVOIDING IMMINENT GROUND CONTACT""; ""Training Programs""; ""Wind-Shear Modeling for Training Simulators""; ""PERFORMANCE IN WIND SHEAR""; ""Airplane Response to Wind Shear""; ""Takeoff in Wind Shears""; ""Altitude Loss in Wind Shear on Landing Approach""; ""General Aviation Aircraft""; ""GUIDANCE AND CONTROL AIDS""; ""Airborne Warning Systems""; ""Manual and Automatic Control Systems""; ""4 Conclusions""; ""5 Recommendations""; ""GENERAL""; ""DETECTION AND PREDICTION""; ""AIRCRAFT PERFORMANCE AND OPERATIONS""; ""RESEARCH""""Appendix A Wind-Shear PIREPs""; ""Appendix B Example of a Modern Wind-Shear Penetration System""; ""APPROACH AND LANDING""; ""GO-AROUND""; ""TAKEOFF""; ""DISPLAYS DRIVEN FROM THE FCC AND TMC""; ""Appendix C References and Bibliography""; ""Appendix D Glossary of Acronyms and Abbreviations Used in the Text""

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Collana	Digital Research in the Arts and Humanities
Disciplina	700.105
Soggetti	Technology and the arts Performing arts - Technological innovations
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Contents; List of Figures; Notes on Contributors; Series Preface; Introduction; 1 Creative Media: Performance, Invention, Critique; Part 1 Environments; 2 Environments, Interactions and Beings: The Ecology of Performativity and Technics; 3 Blurring the Boundaries: Performance, Technology and the Artificial Sublime - An Interview with Ruth Gibson and Bruno Martelli, igloo; Part 2 Bodies; 4 ORLAN-Vertigo/Self-Touching-You; 5 The Path to Silence; Part 3 Audiences; 6 Reactivation: Performance, Mediatization and the Present Moment 7 Moving Audiences: Strategies of Exposure in the Work of Gob Squad; 8 How to Kidnap your Audiences: An Interview with Matt Adams from Blast Theory; Part 4 Politics; 9 The Tendency to 'Trans-': The Political Aesthetics of the Biogrammatic Zone; 10 Guillermo Gomez-Pena: Ethno-Techno Politics; 11 Performative Science in an Age of Specialization: The Case of Critical Art Ensemble; Part 5 Affect; 12 Affective Connection; 13 Love at First Byte; Conclusion; Bibliography; Index

Sommario/riassunto

This collection of essays and interviews investigates current practices that expand our understanding and experience of performance through the use of state-of-the-art technologies. It brings together leading practitioners, writers and curators who explore the intersections between theatre, performance and digital technologies, challenging expectations and furthering discourse across the disciplines.
