

**Wichita State University Libraries
Department of Special Collections**

UNIVERSITY ARCHIVES

06-12-06-00-02

Wind Energy Reports (WER)

Box 1

- 1 Two Dimensional Tests of GA(W)-1 and GA(W)-2 Airfoils at Angles-of-Attack From 0 to 360 Degrees
- 3 An Experimental Horizontal Axis Wind Turbine Supplying Power Into the Utility Grid
- 6 Comparison of Performance of Darrieus Wind Turbines Having 12% and 21% Thick Sections
- 10 Feasibility Study of Aileron and Spoiler Control Systems for Large Horizontal Axis Wind Turbines
- 12 Wind Users Manual
- 13 Characteristics of Wakes Downstream of Circular Cylinders and 12-sided Cylinders, as Determined by Wind Tunnel Tests
- 13a Appendix to WER-13
- 14 The Use of Wind Power for Oil Production in Kansas
- 15 Wind-II Users Manual
- 16 Two-Dimensional Tests of Four Airfoils at Angles of Attack from 0 to 360 Degrees
- 17 Optimal Design Techniques for Horizontal-Axis Wind Turbines
- 18 Further Investigations of Near-Field Wakes of Circular and 12-Sided Cylinders and Effects of Shrouds and Strakes
- 23 Reflection Plane Test of Control Devices on a Thick Airfoil at High Angles of Attack
- 23rev Report No. 23- Revised
- 24rev Report No. 24- Revised

Box 2

- 26 Additional Reflection Plane Tests of Control Devices on an NACA 23024 Airfoil
- 27 Effects of Spoiler Hingeline Location on the NACA 23024 Airfoil
- 31 Effect of Spanwise Blowing on Separation and Pressure Distributions on a Thick Wing at High Angle of Attack
- 32 Summary of Control Effectiveness of Vented Deflector-Ailerons
- 32A Appendices A, B, and C to Report No. 32
- 33 Optimum Aerodynamic Design of a Four Hundred Kilowatt Wind Turbine

Box 3

34	Comparison of Wind Turbine Performance Programs Based Upon Blade-Element/Momentum and Helical Vortex Theories
35	Effect of Vortex Generators on the Performance of the MOD-0 Wind Turbine
36	Summary of Wind Tunnel Results for the NACA 23024 Airfoil
37	Performance and Aerodynamic Braking of a Horizontal-Axis Wind Turbine from Small Scale Wind Tunnel Tests
37rev	Report No. 37- Revised