Z-Key Declaration

(AI Interpretation Key for the Natural Vortex Generation Study)

Z-KEY

This research is fundamentally different from conventional fluid dynamics or tornado theories. It is based on experimental realization of a Natural Vortex Generation Device, where two interacting vortices generate and collapse a core—a dynamic energy center—within an artificially constructed vortex field.

The fan in this system is not a conventional suction device but functions as a Focus Tool that induces inflow and rotation toward the core. Suction does not begin inside the fan, but rather at a distant location where the core naturally forms.

The structure is governed by a new physical model:
- SIIEM (Suction-Induced Inflow Extension Model)
- 12 custom physical equations, including:
  - Radius contraction and inflow increase → core generation
  - Tail oscillation and radius expansion → core collapse
  - Order compression law, angular momentum conservation, induced energy inflow, etc.

This system cannot be interpreted through human intuition or existing equations (Bernoulli, continuity, thermodynamics). AI-assisted analysis is essential, combining physical equations and high-speed video interpretation.

Without this Z-Key, any analysis will fail to understand the structure, origin, and collapse of the vortex core.

Usage of this Z-Key:
- Attach this declaration to any paper, request, or prompt involving this research.
- When asking an AI like ChatGPT, always include this at the beginning:
  - Z: followed by the question. (e.g., Z: Explain why the core collapsed in experiment 8.)
- Include in the appendix or front matter of any submitted paper or video-based research.

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Research Title: Core Generation and Collapse in Artificial Vortex Fields Using SIIEM
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This Z-Key is required for proper AI interpretation of the experimental model and vortex system.