Objective
The main aim and scope of this Journal is to help improve each separate components R&D and superimpose separated results to get integrated systems by striving to reach the overall advanced design and benefits by integrating: (a) Physics, Aero, and Stealth Thermodynamics in simulations by flying unmanned or manned prototypes supported by integrated Computer Simulations based on: (b) Component R&D of: (i) Turbo and Jet-Engines, (ii) Airframe, (iii) Helmet-Aiming-Systems and Ammunition based on: (c) Anticipated New Programs Missions based on (d) IMPROVED RELIABILITY, DURABILITY, ECONOMICS, TACTICS, STRATEGIES and EDUCATION in both the civil and military domains of Turbo and Jet Engines.

The International Journal of Turbo & Jet Engines is devoted to cutting edge research in theory and design of propagation of jet aircraft. It serves as an international publication organ for new ideas, insights and results from industry and academic research on thermodynamics, combustion, behavior of related materials at high temperatures, turbine and engine design, thrust vectoring and flight control as well as energy and environmental issues.

1. JET ENGINES AS NEW FLIGHT CONTROLLERS, Generators of New Missions, etc.
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2. INTEGRATED STEALTH-TVFC-SYSTEM DESIGN: The resulting new changes in R&D, Stealth-Design, laboratory and flight tests, combat missions, etc. have strongly affected traditional methodologies, INTEGRATED SYSTEM DESIGN instead of isolated Jet-Engine R&D or isolated Air-Vehicle-Frame R&D, education and unprecedented large Governments funding of STEALTH-TVFC-SYSTEMS.

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Topics

- Turbo and jet engines
- Theory and design of propagation of (advanced) jet aircraft
- Thermodynamics*
- Combustion
- Behavior of materials at High temperatures
- Turbine and engine design
- Thrust vectoring or Jet-Engine-Steering in effecting improved Flight control*
- Energy and environmental issue
- Stealth in Integrated Systems Design, including jet-engine inlets and exhausts*
- Vectoring and safety in air, sea and land jet systems*

*Manuscripts on topics marked by an asterisk should be submitted to the Editor-in-Chief.

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