



FRONTLINE AEROSPACE

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FOR IMMEDIATE RELEASE

FRONTLINE AEROSPACE INVITED TO SHOWCASE V-STAR™ DESIGN

BROOMFIELD, CO – Frontline Aerospace, Inc., has accepted an invitation to present V-STAR™ technology to the American Helicopter Society (AHS) at the International Specialist’s Meeting on Unmanned Rotorcraft Systems to be held in January 2009 in Phoenix, Arizona.

“V-STAR™ is advancing state-of-the-art Unmanned Aerial Systems (UAS) – from wing-morphing to breakthrough improvements in specific fuel consumption,” said Frontline Chief Executive Officer (CEO) Ryan Wood.

“In practical terms, V-STAR™ puts leading-edge insights at the front lines of our nation’s defense,” said Frontline advisory board member Lt. Gen. (USAF, retired) Timothy Kinnan, recent honoree as Outstanding Aerospace Engineer from Purdue University, former vice president of Lockheed Martin and now President of Wallace Lighthouse Consulting.

“Sometimes the big companies get it right,” said Kinnan, “but other times we see a visionary start-up like Frontline Aerospace that finds a way to assemble exciting new technologies in a novel aircraft configuration that makes a leap ahead of the big corporations.”

According to Wood, Frontline's unique design combines the best of vertical-take-off-and-landing (VTOL) with forward fixed-wing flight that allows V-STAR™ to reach targets up to three times faster than helicopters.

“We based our work partly on the lift-fan insights of Dr. Robert Bass, Frontline's former scientific advisor,” said Wood. With a distinguished background as a Rhodes Scholar in physics and doctorate in mathematics from Johns Hopkins University, Bass served as chief scientist of the Litton advanced systems group, head of advanced studies for Hughes G&C Division, general manager of the Aeronca astro-controls division and founder of Innoventech Consulting.

Frontline’s upcoming AHS paper will discuss how V-STAR™ ducted-lift-fans are optimized for thrust and stability in a manner unlike conventional helicopters that compromise on efficiency. The V-STAR™ design is in line with maximum-hover-efficiency analysis published by the American Helicopter Society in its summer 2008 'VERTIFLITE' journal.

- more -

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Wood will present the paper with co-author Jonathan Keith, fellow graduate of California Polytechnic State University and aeronautical engineer for Frontline contractor Empirical Systems Aerospace of Oceana, California.

“Through the use of historical trends, conceptual design methods, and performance analysis, a ducted-fan VTOL unmanned aerial vehicle (UAV) is shown to be a competitive and desirable design amongst the needs and offerings of current UAV’s,” said Keith.

“What makes the V-STAR™ configuration so special is the integration of ducted counter-rotating peripheral ring-fans; highly innovative diamond-box-wings; yet powered by the mature and dependable Rolls-Royce engine,” said Wood. “V-STAR™ provides a nimble platform for a variety of today’s military, disaster-relief and commercial missions.”

Frontline Aerospace, Inc. is an emerging aerospace company based in Colorado with marketing offices near Washington, DC focusing the talents of proven aerospace and business experts on breakthrough aviation and energy concepts.

The firm's leading innovations are the V-STAR™ unmanned aerial system and the MicroFire™ energy-efficiency system for the Rolls-Royce Model 250 gas-turbine aircraft engine.

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V-STAR™ - VTOL-Swift Tactical Aerial Resource™

- Vertical Take Off and Landing (VTOL)
- Transition to fixed-wing flight
- Fast, safe and fuel-efficient
- Adaptable to military, disaster-relief and civilian missions

V-STAR™ *VTOL-Swift Tactical Aerial Resource™*

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Front Line Delivery System (FLDS)

Up to 3x faster than helicopters
288 knots cruise w/ 400 lb payload



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V-STAR™ Protecting
Carrier Task Force

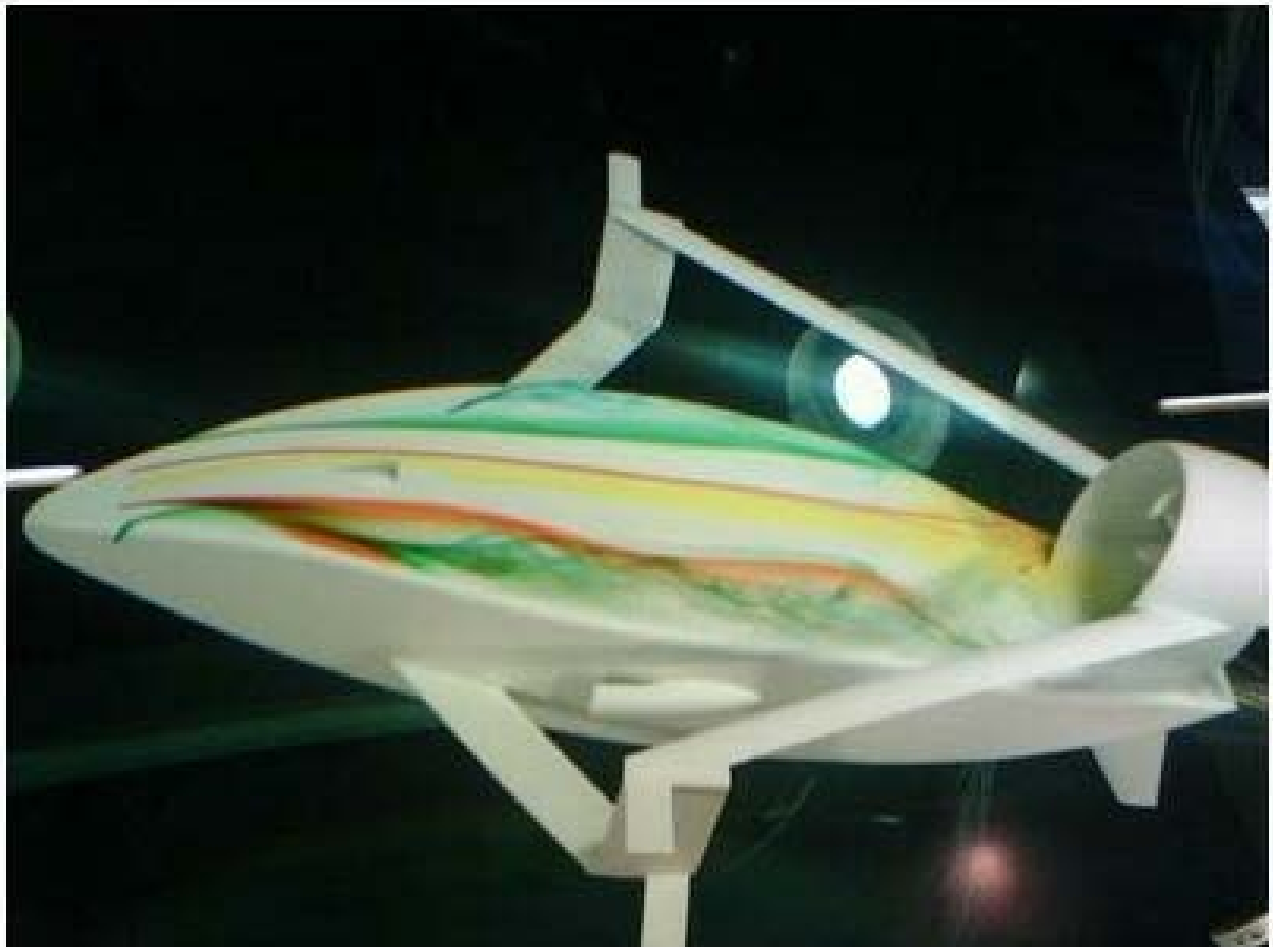


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V-STAR™

Design Validation



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