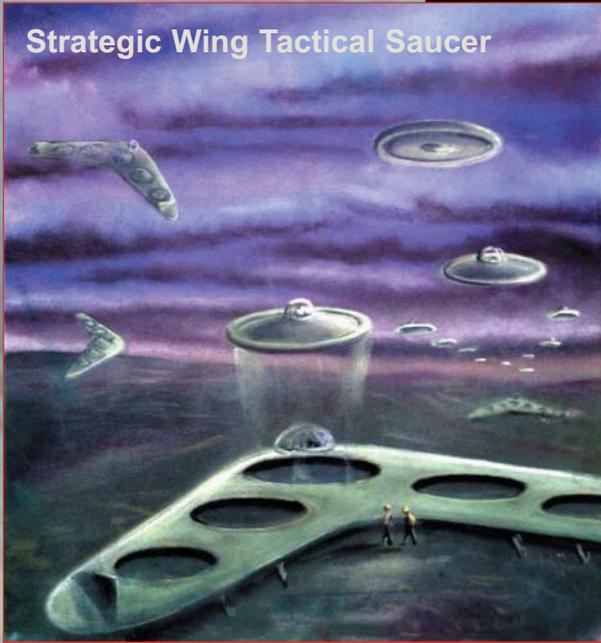
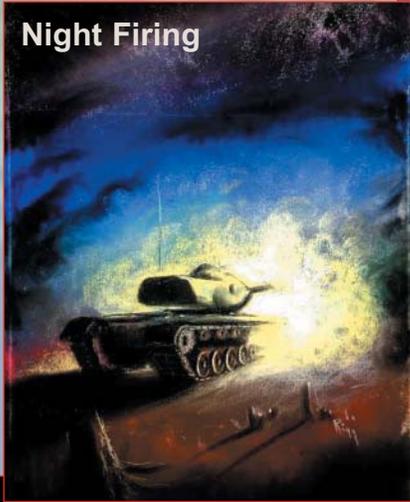


Atomic Era City Defender: Nike Hercules



Strategic Wing Tactical Saucer

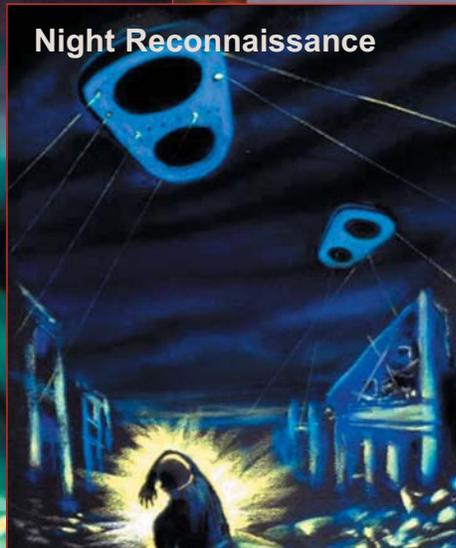
Night Firing



Flying Spy: Future Army Jet Drone



Night Reconnaissance



Revolution in Future Flight:
The Tilt-Wing Plane



Fur
Exp

from the eyes of **THE PAST**

Future Armor Power to
Exploit Nuclear Firepower



Breaking Traditional
Terrain Barriers



In 1958, LTC Robert B. Rigg, an Army artist, donated a series of paintings to the Office of the Chief of Military History. In his letter transferring ownership of the artwork, Rigg described his works:

“Eleven paintings of this series represent current Army research and development projects — current history in the making. General James M. Gavin, former Chief of Research and Development, suggested this series and I have painted them in pastels in an effort to lend dramatic character and color to the machines under development for any war of tomorrow.”

The original titles and descriptions provide some insight into the artist's thoughts. Riggs did not provide additional comments beyond titling one of the paintings as Night Firing.

ATOMIC FIREPOWER AND AERIAL ASSAULT CRAFT — Concept of aerial and ground vehicles ready to exploit the effects of an atomic blast.

FUTURE ARMOR POWER TO EXPLOIT NUCLEAR FIREPOWER — The Army's T-92 light tank — a prototype vehicle undergoing engineering tests at Aberdeen Proving Ground, 1958.

AERIAL ASSAULT VEHICLE — Concept of a Sky-Cavalry vehicle under combat development in 1958 to provide 3-D means of attack for the Pentomic Army.

FLYING SPY: FUTURE ARMY JET DRONE — A concept of unmanned, remote-controlled drone — a 1958 R&D project to provide drones to accomplish: battlefield surveillance, target spotting, nuclear fallout monitoring, radiation detection, countermeasures control, and tactical reconnaissance.

REVOLUTION IN FUTURE FLIGHT: THE TILT WING PLANE — The first tilt-wing plane, the Vertol 76, is turbine powered. Funded by the Army and developed in cooperation with U.S. Naval Research, it is expected to achieve flight conversion in 1958.

STRATEGIC WING-TACTICAL SAUCER — A 1958 concept of a flying wing to carry tactical flying saucers into combat action a possible substitute for the parachute used by airborne troops.

BREAKING TRADITIONAL TERRAIN BARRIERS — Army R&D is in quest of a flying crane, which can carry payloads of up to 12 tons for distances of 50 miles, and lift small armored vehicles over rivers and other terrain barriers. One 1958 concept is the Hiller duct-fan type crane.

NIGHT RECONNAISSANCE — Air Cavalry's flying jeeps of the future will shoot to obtain information. A ducted-fan aerial jeep of this type undergoing Army development — 1958.

Atomic Firepower and Aerial
Assault Craft

Aerial Assault Vehicle

