

SOME INFORMATION ON THE CORNELL AERONAUTICAL LABS

To help us get some understanding of the direction SRI might head, should it be sold, and ESPECIALLY TO HELP US UNDERSTAND THE LIMITATIONS OF IMPOSING ONLY A FEW RESTRICTIVE COVENANTS WHICH COULD NEVER BE CHANGED, we can look to a short history of the contracts being done at the Cornell Aeronautical Labs over the past few years.

In 1966, while the Labs were still a part of Cornell University, the following were among the Defense Department contracts being done at the Labs:

Disturbed Radar Concepts and Techniques
Terrain Following Radar Sensor Investigations
Combat Surveillance and Target Acquisition Studies
Army Missile Static Radar Cross Section Measurements
Analysis and Evaluation of Tactical Penetration Aids
(9 projects dealing with Electronic-Counter-Measures)

During the next year, pressure began to grow to "get rid" of the Labs, as they continued to take on new Defense Dept. contracts. By 1968, the Trustees had decided to sell the Labs, and during the year they were sold to a private corporation. Below are the Cornell Aeronautical Labs contracts with the Defense Department during 1968 which might help us understand both what kind of knowledge about warfare the Defense Department is seeking, and how very narrow restrictive covenants (such as limiting only counter-insurgency and chemical-biological warfare studies) would fail completely to blunt this very sophisticated DEATH RESEARCH. (A * means such covenants would not apply to that contract)

- * Terrain Avoidance Electronic-Counter-Measure Studies
- * Developing Testable "Off Road Performance Specifications" for military Vehicles
- * Expected Results of Selected Engagements between Armed Helicopters and Representative Enemy Targets as Determined by Computer Simulation
- * Advanced Strategic Air Warfare Study: Terrain Factors, Target Detection and Location
- * Cost Effectiveness of XM 765-type Infantry Combat Vehicle
- * Advanced Low Altitude Techniques
- * Analysis and Evaluation of Tactical Penetration Aids (now expanded to 16 projects, including "Memorandum on Human Engineering Aspects of Defense Penetration in Southeast Asia")
Project AMPIRT: Preliminary Analysis of Communist Terrorist Camp Data
- * Evaluation of Prong Tong II ECM Technique vs. a Simulated TWS Radar
- * Evaluation of the Phantom Jamming ECM Technique vs. a Simulated TWS Radar
- * Summary of ECM Effectiveness Evaluation

and in addition, a new "Weapons Research Department" * has been opened, which is researching a * "Design Study of Heartburn Flechettes for the 105 mm Round"