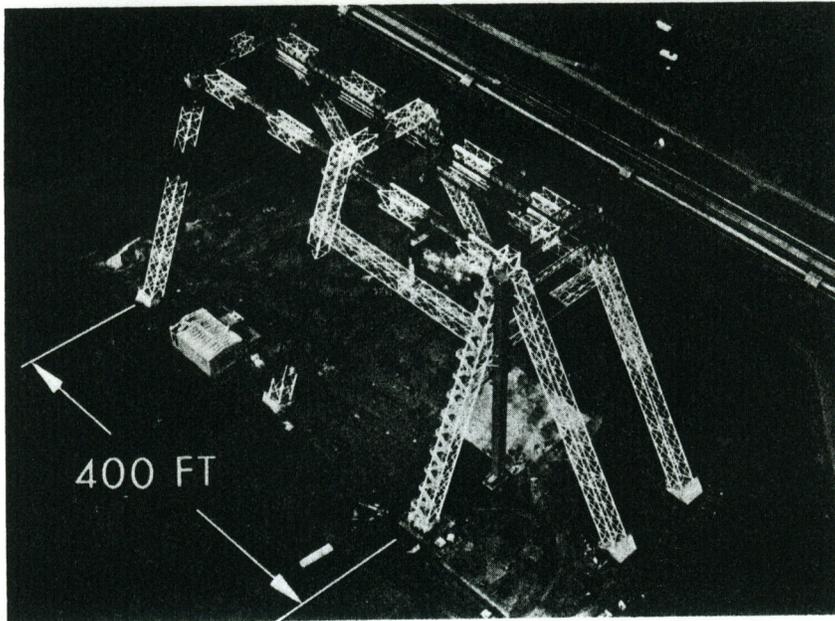

TECHNICAL FACILITIES RESUME

DATE OF RESUME: July 1, 1966

FACILITY NO: 04-00-32-00

1. REPORTING INSTALLATION: Langley Research Center
Hampton, Virginia
2. FACILITY NAME: Lunar Landing Research Facility
3. LOCATION (if other than in 1. above): Same as 1.



4. FUNCTIONAL NAME: Lunar Landing Research Facility
5. TECHNOLOGICAL AREAS SUPPORTED: Lunar landing studies.
6. NARRATIVE DESCRIPTION OF FACILITY CAPABILITIES & FUNCTIONS:
Simulates behavioral characteristics of lunar landing and flight vehicles in a lunar gravity environment (however, it does not simulate environment for the pilot). Simulation is accomplished by supporting $5/6$ weight of vehicle. Outdoor facility of structural steel A-frame construction with approximately 400 feet of horizontal travel, 180 feet of vertical travel, and ± 25 feet of lateral travel. Maximum allowable weight of research vehicle is 12,000 pounds. Maximum test duration (approximately 3 minutes for current vehicle) limited only by fuel supply onboard vehicle. Facility readily adaptable to other gravity levels between 0 and 1 g.

Application - Space

Category - Guidance and Controls Simulators