File 605/6

PROGRESS REPORT
FOR
MONTH OF OCTOBER 1959

30 TO 1000 MC ANTENNA

Purpose: To design, develop, and fabricate five antennas for a frequency range of 30-1000 mc. The antennas will be for outdoor use and be capable of being disassembled into 6 foot lengths or less.

Personnel: Electrical Engineers: [redacted] 25X1

Mechanical Engineer:

Status: Fabrication of the higher frequency section (250-1000 mc) has been started and this unit will be tested first as a check on certain techniques being employed in the full scale model that were not used in previous models. Stress analysis is essentially complete for the structure and drawings are in process.

Future Plans: The lower frequency portion will be completed during the coming month providing a complete full scale model for electrical testing.