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DEC 14	REV DATE	MAY 1960	BY 018323
ORIG COMP 33	OPI 56	TYPE 03	
ORIG CLASS M	PAGES 1	REV CLASS C	
JUST 22	NEXT REV 2010	AUTH: HR 70-2	

File 605
T.O. 9
CR

ORIGINAL CUE# 235979
 DECL REVIEW ON 2010
 EXT BYND 6 YRS BY SAME
 REASON 3 d(3)

**PROGRESS REPORT
 FOR
 MONTH OF OCTOBER 1960**

1-10 RMC PRIMARY FEED ANTENNA

Purpose: To design, develop, construct and test five 1-10 RMC antennas.

Personnel: Electrical Engineer:
 Mechanical Engineer:

25X1

Status: A protective covering for the antenna has been fabricated from lock-foam; it appears to have some effect on the overall VSWR when in direct contact with the radiator. To correct this difficulty, it was found that a slight air gap between the covering and the etched sheet radiator reduced this effect. The overall VSWR is still somewhat higher than desired, but is within the specified maximum value.

Future Plans: Measurements will be made on this latest structure with and without epoxy paint on the protective cover to determine the effects of the paint on the performance of the antenna.

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