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# Office Memorandum • UNITED STATES GOVERNMENT

TO : The Files

DATE: 27 July 1960

FROM :

25X1

SUBJECT: Production Contract on OS-5 with

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7 PG

1. On 25 July  called to report that on the first forty production units of the OS-5 the current drain was in excess of that allowable in the Specification. Originally, the Spec called for 200 microamps, this was later changed to 350 microamps by  the Project Engineer.  reported that only six tested under 350 microamps and seven tested over 500. Most of them ranged between 460 and 580. He requested that we relax the current drain Spec to 500 microamps. This was checked out with  at the R+D Lab, who reported that the battery to be used with this unit has an 800 milliamper hour capacity which would pro rate to 1,000 hours operation with a current drain of 800 microamperes. He, therefore, suggested we could relax the power drain Specification up to 750 microamperes, provided the output voltage of the OS-5 was increased. On 26 July  was again contacted and following committment made. The OS-5 production units can draw up to 600 microamperes provided an 800 milliamper hour battery is used and also provided the output power is at least 50 per cent above that called for in the original Specification.

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