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S10380N-183-5 (AMTS/AAWS)

PA →

Ottawa Ont  
12 Sep 58

- Ref: (a) AFHQ letter to RCA(PR) S10380N-183-5(AMTS/AAWS)  
dated 22 Aug 58.  
(b) AFHQ letter to RCA(PR) S10380N-180(AMTS/AAWS)  
dated 2 Sep 58.  
(c) telecon S/L Coburn - F/L Thomassen 9 Sep 58.

RCAF Representative  
Radio Corporation of America  
Building 10-7  
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Camden 2 NJ USA

Arrow Electronic System  
Provision of a Genie Capability

- 1 F/L R.P. Wills (AFHQ/DADR), F/L R. Hall (AWS 3) and F/L K. Thomassen (AWS 2) will visit RCA, Camden 23 and 24 Sep 58 for the purpose of discussing the provision of a Genie capability in Astra. As outlined in para 2(d) of reference (b) a report, describing the effect on the present program, of providing a Genie capability in the Arrow Weapon System by Jan 61, is required from RCA and AVRO. It is intended that all the factors to be considered in the compilation of such a report may be established at this meeting. Further, it is hoped that RCA may be able to provide some information at the meeting on which preliminary RCAF plans might be based. A suggested agenda is attached.
- 2 In addition to the above may RCA be asked to have available a detailed summary of the additional engineering tasks which must be completed specifically to provide a Genie capability. Of prime importance are the problems of:
  - (a) accurately launching an unguided rocket in an ECM environment
  - (b) automatic mode requirements dictated by Genie launch tolerances (i.e.; does Genie require automatic mode?)
- 3 To ensure that all factors are duly considered may a representative of the Airborne Systems Lab be requested to attend the meeting.
- 4 If time permits, it is intended that F/L Thomassen discuss, with the IR group, preliminary arrangements for an RCA/DND/RCAF IR meeting in November.

Ke/.  
(HK Hollingsworth) W/C  
for CAS

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F/L K Thomassen/mn  
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