



MEMORANDUM

SECRET

SI038CN-183 (COR)

27 Aug 58

O.K.

Ref (a) SI038CN-183 (AMTS/AAWS) dated 14 Aug 58

(b) SI038CN-183 (COR) dated 29 Jul 58

CAE

Arrow Weapon System - Genie Installation

1 The Operational Characteristic for the Arrow states that the aircraft is to have the capability of mounting a weapon load of fully active missiles and further, a nuclear head capability is required. Decisions already taken have reduced the weapon possibilities to the Sparrow guided missile and the Genie unguided rocket.

2 The CAS has stated, as confirmed in reference (b) that the first operational aircraft (No 38) is to have the capability of carrying out an attack with either Sparrow or MBL. The Genie programme, therefore, should in no way interfere with providing the Sparrow capability you mention.

3 The concept of operations remains the same. Two aircraft per squadron will be on readiness in the Alert hangars near the end of the main runway. These aircraft may be armed with conventional missiles or nuclear missiles. On completion of the mission replenishment of expended stores is to be accomplished in the required turn around time.

4 If you feel that the Genie installation cannot be provided in the first operational aircraft without adverse effect on the present programme, or that the cost of the timing would be excessive, these factors would need to be referred to the CAS for further decision.

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2) AAWS.
Review
cost and
timing and
report.
CAE 28 Aug 58

3) AWS-3
AWS-2
AWS-4
AWS/M2
AWS/DDP

To note:
AWS-3 has
started action.
J. Bean
5/26/58

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