

SECURITY CLASS:

S E C R E T

COR MINUTE SHEET

DATE 14 May 58

Ref File S1038CN-183 (DADR)

Vol _____ TD _____

Minute (2)

AAWS/AWS 2-2
ADDRESSEE

1 Please note minute (1) which, in amplification of AAWS memo S1038CN-180 dated 28 Apr 58 implies that a Genie installation could be engineered for the Arrow which would permit supersonic launch up to at least M 1.5. Note also that USAF ADC appear to prefer a retractable rail launcher to ejection launch. Suggest that ARDC be approached through CJS(W) for results of Holloman trials of modified F101B ejection launcher. I believe that Genie trials are also under way at Eglin AFB, and suggest that our armament exchange officer there be requested to report progress of these trials.

2 NORAD confirm that an improved Genie is not expected. This means that Genie will continue to use a fixed time fuze and consequently that launch errors and trajectory dispersion will require substantiation.

3 If you refer to minute (4) on attached memo to COR dated 25 Feb 58, you will note that a final decision on Genie for the Arrow is likely to be deferred until the AVRO feasibility study is received and precise information is obtained by DARM E on the feasibility of fitting the Sparrow 2 with a nuclear warhead similar to the one which is projected for GAR 1Y (requested by DSE on 26 Mar 58.)

③

AW53

Your info & return plse.

C.W. Breck sk.

Acting AWS2

22 May 58.

2-0548

A.P. Wills
(A.P. Wills) F/L
ADR2-5
(6-7104)

① AW53-3

I would certainly agree that if Sparrow 2 + Nucl. Wh. could be fitted to Arrow 2, it would give greater kill probability than Genie + N.W. because of factors affecting launch accuracy. To note & return as per Min ③.

J.H.L.
A/AWS3 (20282)
23 May 58.