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3 November 1962

MEMORANDUM FOR : Deputy Director (Plans)
THROUGH : Acting Chief, Development Projects Division SWB/dw
SUBJECT : Expansion of COMBAT/MERAL Program in 1962

1. This memorandum is for information.
2. Lockheed has provided the following information for various ways of expanding the COMBAT/MERAL program in 1962. The basic program approved last spring now consists of 3 MERAL payloads plus 1 G Triple Prime payload launched between January and August 1962. This program had been estimated to cost [redacted] or roughly [redacted] per firing. This basic program has been expanded to that is now the presently approved schedule calling for 14 MERAL payloads preceded by 1 G Triple Prime payload during the period January through September 1962. This schedule is priced at [redacted] white and [redacted] black, average [redacted] total per shot with a maximum firing rate of 3 per month. A variant of this, with the same number of firings but with a maximum firing rate of 2 per month, was priced [redacted] cheaper in total.
3. Another variant calling for a total of 29 launches with a maximum of 4 per month and extending through December 1962 was priced at [redacted], our own approximation of black cost an estimated [redacted] or approximately [redacted] total per shot.
4. Lockheed's last variant proposed 14 firings including 1 G Triple Prime at a maximum rate of 3 per month through December 1962 at a white cost of [redacted] plus our estimate of [redacted] black, or [redacted] total per shot.
5. One further addition to the present approved schedule of 14 MERAL plus 1 G Triple Prime is the addition of 4 MERAL shots, 2 in September and 2 in October, at a white cost of [redacted]. The black payload costs are not estimable at this time.
6. In connection with this expansion of the COMBAT/MERAL program from 3 to 14, I have queried and received a rather uninformative reply from EPIC as to their ability to handle information on the basis of the approved launching rate with a 70% and a 75% level of success. I have likewise received a reply from [redacted] to the effect that they will later reply to the specific questions.

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In Accordance with E. O. 12958

on NOV 26 1997

[REDACTED]

7. Lastly, at our 30 October meeting you expressed interest in costs of [REDACTED] processing of such materials. The following data were compiled for us by [REDACTED] on this point.

<u>Recipient</u>	<u>RT's</u>	<u>RM's</u>	<u>OSAMA Cost</u>	<u>MIRAL Cost</u>
AFIS	8	1	[REDACTED]	[REDACTED]
USAF	11	5	[REDACTED]	[REDACTED]
ARMY	2	2	[REDACTED]	[REDACTED]
NAVY	2	2	[REDACTED]	[REDACTED]
U.K.	2	1	[REDACTED]	[REDACTED]
	<u>25</u>	<u>10</u>	[REDACTED]	[REDACTED]

The above costs are understood to be direct, including materials and labor but do not include overtime nor overhead.

SIGNER

ROBERT P. KEMPER
SA/TA/END

Distr:

[REDACTED]