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MAY 25 1966

MEMORANDUM FOR THE DIRECTOR, MOL

SUBJECT: Final Report on the Role of Man in the MOL

Forwarded herewith is the Final Report on the Role of Man in the MOL resulting from the study which you directed be undertaken on 17 January 1966 (Attachment 1). This final report differs in some respects, though not substantively from the preliminary version furnished you on 21 April 1966. The text has been clarified to a considerable extent, and additional data with respect to operational growth, target acquisition, sensor pointing and tracking, and visual reconnaissance is now included.

I am in general agreement with the conclusions of the report. With regard to the recommendations, the first three, A, B and C refer to cost-effectiveness studies of optimum manned versus optimum unmanned versions of MOL, to cost-effectiveness studies of advanced (resolution) MOL configurations, and to parametric studies of past space vehicle performance data. These recommendations also appeared in the preliminary version of the report, and were put in the form of a policy guidance paper at your direction as a result of our discussions on the West Coast on 25 April 1966. General Berg is currently actively pursuing the studies responsive to this guidance document. Recommendation D, regarding development of a DORIAN Target Model is also underway, largely by the East Coast Office, but with West Coast help. Less well defined activity is under way in some other areas identified in the recommendations.

I am furnishing General Berg copies for his comment. Further distribution other than to those who may be involved in commenting on the report, and the study group itself, has not been made.

A modified version of the report suitable for transmittal to the Secretary of the Air Force is being furnished you under separate correspondence. This modified version is essentially

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the same as the attached Report, except that text directly concerning internal program matters not appropriate for external distribution, and the entire recommendations section have been deleted.

I would appreciate your comment, together with an indication of further action you may desire with regard to the report itself, and its recommendations.

SIGNED

HARRY L. EVANS
Major General, USAF
Vice Director, MOL Program

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Report on the Role
of Man in the MOL
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