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DEPARTMENT OF THE AIR FORCE
WASHINGTON



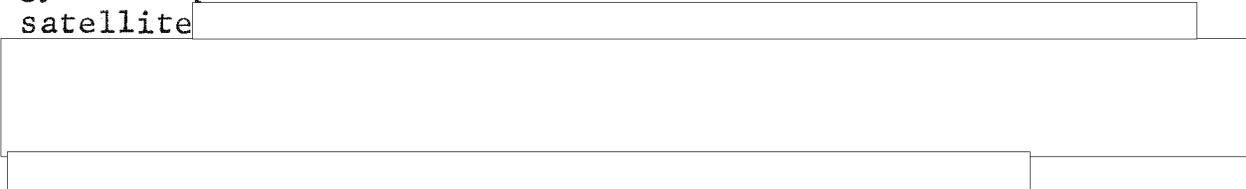
OFFICE OF THE UNDER SECRETARY

June 11, 1969

MEMORANDUM FOR THE RECORD

SUBJECT: Visit of Mr. Paul Visher, Hughes Aircraft Co.

Mr. Paul Visher, of the Hughes Aircraft Co., visited me on June 5 to discuss his plan for using a gyrostabilized space platform for a block two version of System 949. The gyrostabil platform is now used in the tactical communication satellite



Mr. Visher left a report which describes the options in detail. Copies of this report were furnished the Air Staff, Dr. Yarymovych, and Generals Berg and Martin for their evaluation.

Mr. Visher stated that two satellites could be used for the 949 function. Two could be placed in an elliptic orbit, each collecting information and transmitting it directly to a station in the United States.

Another possible system configuration is to place one of the satellites (the collector) in a synchronous orbit and place the other configured as a data relay system also in a synchronous orbit. The R&D costs for the two elliptic satellites would be cheaper than the second configuration because the latter requires the development of two separate types of vehicles. The second option would have the advantage of providing a data relay system useful for many other functions than the 949 application. The next step is to await the evaluation of the Air Staff, SAFRD and SAFSS (assisted by SAFSP).

JMcL

John L. McLucas

cc: Mr. Hansen
Mr. Davis

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