

DEPARTMENT OF THE AIR FORCE
WASHINGTON

OFFICE OF THE UNDER SECRETARY

4 JUN 1969

MEMORANDUM FOR THE RECORD

On May 21, 1969 Dr. M. Kroger, North American Aviation, informed me that he had taken on some additional responsibilities. He reports to Mr. Bernie Haber, Senior Vice President of the company in charge of research and engineering. In this position Mr. Haber manages all discretionary resources and establishes the role and missions of each of the divisions of North American Aviation. Since Mr. Haber is an aerodynamicist, he uses Dr. Kroger as an advisor in the areas of intelligence, command and control, and electronic warfare.

Dr. Kroger pointed out that North American has passed the peak of activity in Apollo so that more people are becoming available for other space programs. They are talking to Les Dirks and John Crowley about electronic readout and expect to get a contract for systems studies from these people. North American Aviation favors the Fairchild sensors.

One of the items of interest is the development of a receiver using the superheterodyne process for the 10 micron CO₂ band. This receiver enables them to get a thousand times the sensitivity of the K band radar according to Mr. Kroger. There are many exciting possibilities. The doppler is very good and it is even possible to build an activity indicator. I told Mr. Kroger I was interested and to make sure Captain Geiger is informed.

I would like to visit Autonetics and see their work.

ML
John L. McLucas
Under Secretary of
the Air Force

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