

Address reply to:
M. E. Anderson
P.O. Box 1071
Rochester 3, New York

The Honorable Joseph V. Charyk
Assistant Secretary of the Air Force,
Research and Development
The Pentagon
Washington 25, D.C.

Dear Doctor Charyk:

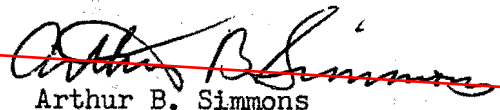
Doctors E. H. Land and H. Waters have told us of your interest in receiving and reviewing our "Technical Proposal for Recoverable Reconnaissance System" dated 17 June 1960. We are pleased to be able to transmit Copy No. 8 for your attention. This proposal includes a considerable amount of information which is of a proprietary nature; therefore, its contents should be treated in a manner commensurate with this condition. The name by which this particular camera system is known to the very few people in our organization who have knowledge of its existence is "Blanket".

On the assumption that you will have interest in a camera design which yields finer ground resolution, we are including data regarding a system known to us as "Sunset Strip". Its characteristics are listed on a separate sheet.

If it is your opinion that either or both of these reconnaissance systems would be of value to the Air Force we would be pleased to discuss with you or your representative the appropriate details of the research and development and fabrication of the equipments and submit for your consideration our estimates of the time of delivery and the cost of such work.

Should you have questions regarding this information or want additional information, you may get in touch with me by calling COgress 6-2049, Rochester, N.Y., or by the post office box indicated above with an inner envelope addressed to me personally. If you are unable to reach me, please contact Mr. J. L. Boon, LOcust 2-8573, Rochester, N.Y.

Yours very truly,


Arthur B. Simmons

ABS:aku
Enclosures

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July 1, 1960

SIMULATIONS OF GROUND RESOLUTIONS

The attached transparencies in stereo pairs have been prepared from actual aerial negatives having a scale reduction of 22,000 to 1 and a ground resolution in the region of [redacted] feet. The various "degradations" which represent several steps of poorer ground resolutions have been made by various degrees of "out-of-contact" contact printing. In each case resolution charts were used as guides to determine the maximum resolution possible which could be printed with clear film base in between the charts and the raw stock to create the desired out-of-focus condition. It is felt that this method of simulation will give examples which are only slightly poorer than would be obtained by the photography they represent.

JLBoon:aku