

DEPARTMENT OF THE AIR FORCE
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WASHINGTON

SECRET

OFFICE OF THE UNDER SECRETARY

June 28, 1969

MEMORANDUM FOR THE RECORD

SUBJECT: Status Report on TAGBOARD

Colonel Hartley brought representatives from the Lockheed Aircraft Co. and Hycon Camera Co. to submit a report on the status of the TAGBOARD program. The next launch is scheduled for July 10th. They feel fairly confident that most of their previous problems have been solved. They reviewed the previous flights showing how they take off from Beale, launch the aircraft to Hawaii, fly over the islands and then recover back at Hawaii. They presented a long list of improvements they have made, many of them as a result of a review headed by Mr. Plummer of Lockheed. They paid particular attention to improvements in the autopilot and to the hatch. Despite all the improvements and despite the lack of knowledge of the cause of previous failures, Colonel Hartley repeated they have confidence in a successful July 10th launch.

The representatives from the Hycon Camera Co. described a camera which is called the HK 335. It is 63½" long and weighs 275 lbs. It has a F5.6, 24" focal length lense. The picture format is a 9x9 frame. The camera should yield a 140 line ~~pair~~ ^{pairs} per millimeter which would give 1 ft. resolution, however their goal is 2 ft. resolution. They are now getting about 6 ft. The camera can take pictures of a strip 80 n.m. wide and 3,000 miles long. They are using SO 230 film which they find better than the 3400 film. There are some temperature ~~in~~ variation problems and they intend to send the camera to Wright Field and check it on the Dynamic Analyzer. Their biggest problem is quality control and they are working hard at controls for people, procedures, and equipment.

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John L. McLucas

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