

Control System  
DEPARTMENT OF THE AIR FORCE  
WASHINGTON

*Lanyard*



OFFICE OF THE UNDER SECRETARY

4 AUG

MEMORANDUM FOR DR. McMILLAN

SUBJECT: LANYARD Status

1. The problems pertaining to the early flight of LANYARD systems to cover the South China targets have been investigated and it has been determined that the first flight could be scheduled 16 weeks from go-ahead with the remaining four systems following at one flight per month.

2. The thermal control problem is the most significant problem area. The L-3 flight results indicate that the passive thermal compensating features are not adequate and there are three possible fixes which could be incorporated. These are the addition of a thermal door or curtain by Lockheed to protect the camera during off periods, a change to the mirror to permit it to be stowed near horizontal position during off periods, and the addition of compensating rods in conjunction with active heaters. Some of the alternatives may require extra time to incorporate and if it is expected that the decision on LANYARD will be delayed it is recommended that a "two week" study of the thermal control system be approved.

3. The additional payload costs for the five flights are estimated to be [redacted] dollars.

*Frank S. Buzard*  
FRANK S. BUZARD  
Colonel, USAF

Declassified and Released by the N R O

in Accordance with E. O. 12958

on NOV 26 1987

EXCLUDED FROM AUTOMATIC RECLASSIFICATION  
DOE DIR. 5200.10 DOES NOT APPLY

~~TOP SECRET~~ Handle via [redacted]  
Control System

COPY [redacted]  
PAGE [redacted] OF [redacted] PAGES