

~~TOP SECRET~~

PRO ALL 2  
HANDLE VIA  
**BYEMAN**  
CONTROL SYSTEM

~~1ST~~ NATIONAL RECONNAISSANCE OFFICE  
WASHINGTON, D.C.

THE NRO STAFF

29 October 1971 -8-

MEMORANDUM FOR DR. McLUCAS

SUBJECT: New Gyro Reference Assembly (GRA) for GAMBIT


BACKGROUND & DISCUSSION

For some time it has been recognized that the development of an improved GRA for GAMBIT was desirable. This was identified in the April fiscal submissions as a potential change, it was included in the GAMBIT/FROG breakouts as a common development for both systems and was recently discussed with me by Gen Allen in the context of producing an improved GRA which could also be used in HEXAGON.

The message from Gen Allen at TAB A indicates that the development of a new GRA has now become mandatory due to the poor quality of present design units now being received. The new design will support the various GAMBIT lifetime/performance improvements Gen Allen will be proposing and will provide a desirable alternate source for HEXAGON GRA needs. Gen Allen has requested approval to proceed and provided ROM costs amounting to \$800K in FY-72, \$2.1M in FY-73 and about \$1M/yr thereafter.

RECOMMENDATION

It is recommended that the message at the right approving the new GRA development be dispatched.

  
ROBERT A. SCHOW JR.  
Major, CE, USA

Attachment  
TAB A, CHARGE 6344

~~GAMBIT HEXAGON~~  
HANDLE VIA  
**BYEMAN**  
CONTROL SYSTEM

~~TOP SECRET~~  
EXCLUDED FROM AUTOMATIC REGRADING  
DOD DIRECTIVE 5200.10 DOES NOT APPLY

INTERNAL  
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