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**BYEMAN**  
CONTROL SYSTEM~~IS~~ NATIONAL RECONNAISSANCE OFFICE

WASHINGTON, D.C.



14 9000 00126

THE NRO STAFF

23 September 1969

## MEMORANDUM FOR COLONEL SWEENEY

SUBJECT: North Korea

In response to a request by the Chairman of ICRS, a special TMOP data output was made on North Korea COMIREX targets.

The actual targets attempted, or scheduled to be attempted, on GAMBIT Mission 4323 were compared to the targets that could have been acquired if all were the same priority and all taken in the monoscopic mode. Only the descending revs were considered and only the heavily programmed revs, *i. e.*, 102, 199, and 215. Revs 5 and 86 were not compared, since Rev 5 only acquired one target and Rev 86 was in conflict in the Chinese targets to the west of North Korea.

The over-all results of the comparison of the three revs showed an increase of 37.5% using equal priorities and mono mode. The individual revs varied considerably from the mean due to several causes. With no difference in targeting weighting due to priority and mode, the selection is greatly influenced by obliquity and countdown. Also, the target distribution and general shape of North Korea caused a difference in selection. A rev covering the center of the area with Korean targets on both sides showed a considerable increase, while those revs covering the coast with Korean targets only on one side had a less significant increase, with one rev actually losing a few targets.

Once a target had been taken, it was counted down and not considered equal priority with the remaining "unseen" targets, therefore, the selection mode was driven on those unseen targets.

GAMBIT

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	<u>4323</u>	<u>Pri 1/Mono</u>	<u>%</u>
Rev 102	70 (MCD)	111	+ 58.6
*Rev 199	34 (Predict)	68	+ 100.0
*Rev 215	<u>88</u> (Predict)	<u>85</u>	<u>- 3.4</u>
	192	264	+ 37.5

\* - Use the predict TMOP only, as Rev 199 was not loaded and Rev 215 actually was in the vertical mode only.



Chief, Photo Branch

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