25X1A	special committee meeting will be called to resolve the issues. The purpose here is to insure that the community gets reports that are in a useable format. Every effort will be made to minimize delay in issuance of these reports. The System Capabilities Reports will be distributed in the same manner and with the same distribution as the reports. Classification and distribution of System Performance Reports will be discussed at a later date.	
25X1A	-Filters	
25X1A	The various filters tested thus far resulted in little noticeable difference in imagery. A wider-band filter is scheduled for 1103 after which a report on filters will be published. cautioned to include data from all filter tests in the report to be issued. reviewed the problems associated with development of glass filters. Bows inherent in gelatin filters led to the development of glass filters, since it was assumed that glass was more rigid. Initial	25X1A
	lab tests indicated that the glass filters developed were not as good as the comparable gelatins because of substrates. More highly polished glass would solve this problem; however, because have a .005-inch thickness, attempted to make glass filters of the same thickness. A thicker glass will be required for further polishing. The problem is optical as opposed to coatings; however, a harder coating is desired. The resident office wants glass filters as soon as possible,	25X1 25X1A 25X1A
25X1A 1	but will not apply more pressure at the present timecirculate a filter designation and description that differentiates betweenandfilters. See Attachment 1.	25X1A
25X1A	-Summary-Project 25X1A	
25X1A	Attachment 2 contains three Figures that were presented in view graph form by The bar graph in Figure #1 indicates the departure, in terms of stops of camera exposure, of the target design luminances from an "ideal" exposure. The criteria used for this ideal exposure are that the target design brightness be recorded at the point on the Type 3404 full process level curve where the maximum 1.6:1 resolving power occurs. The portion of photography correctable by use of the three condition processing technique is also indicated. Figure #2 indicates some major reasons for departures of more than \frac{1}{2} top from the ideal recording of the target design luminance. Figure #3 is a plot of target design luminances, for a single target vers solar altitude. The circles indicate forward-looking camera data, while the triangles indicate aft-looking camera data. Reasons for some of the more significant departures in luminances for particular acquisition are pointed out by the arrows. The solid curve is a computer prediction	us
		25X1

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for the luminance of a 25% reflection object on a clear day. dashed curves are $\frac{+}{2}$ 1/2 stop from the solid curve. 25X1A -HPL Density Measurements At some point in time, Westover had agreed to make the HPL 25X1A density measurements. _____ cited the following problems in performing these measurements at Westover or advantages for performing these measurements at NPIC. 25X1A 1. HPL changes daily until the day prior to launch. calculates frames (accuracy + 2 frames) and approximate x-coordinate. Within the specified time, only arbitrary target descriptions could be provided Westover, and with only this information, Westover would 25X1A have difficulty in locating targets. ____indicated that PI's, OAK's and Polaroid prints available at NPIC would provide enough support for his micro-D group to complete the measurements within five days Ò after receipt of ON's. 25X1A stated that Westover originally volunteered to do the job for convenience, and he agrees that it appears more expedient to perform the task at NPIC. δ agreed) 25X1A that NPIC will supply micro-D information on IBM/cards. 25X1A 2. agreed that pending TWX request from [arrangements will be made for PI's to analyze Bi-Spectral material to determine gains or losses indicated by 1102 Bi-Spectral data. 25X1A mentioned that snow and clouds affected some of the Bi-Spectral photography. 25X1A ₹25X1A stated that it is evident that all groups demonstrated fullest cooperation, and that he sees no problems with the handling of 25X1A 1102 material said that he received an unusual amount of support from the ACIC. 25X1A -Schedule 25X1A presented a table of 23 items and associated time 25X **1**∕A schedules required by in order that data will be analyzed and Performance and Capabilities reports will be issued on schedule. Attachment 3 is a tentative 1102 schedule that was formulated. Attachment 4 is a blank schedule for 1103. Applicable dates for 1103 will be forwarded by TWX and will be referenced to item number and schedule column. 25X1 GROUP 1 25X1 Excluded from automatic downfrading and Approved For Release 2002/09/03 : CIA-RDP78F64767A000300þ50004-8