

**PRIORITY**

**TOP SECRET**

OUT56741

1965 SEP 22 12 54Z

T O P S E C R E T 221243Z

[Redacted] 499

25X1  
25X1

IDEALIST HI-C

REFERENCE: A. [Redacted]

SUBJECT: COMMENTS REGARDING GT-183-65 COLOR MISSION.

22 SEP 1965

1. ONE ROLL EACH OF 9L AND 9R SELECTED FRAMES PRINTED ON FLASHED SO-121, AND ONE ROLL EACH OF THE SAME SELECTED FRAMES PRINTED ON SO-271 WERE FORWARDED TO [Redacted] FOR COMMENTS REGARDING THE COLOR QUALITY OF EACH OF THE REPRODUCTION METHODS USED.

COPIES RECEIVED		
By No.	Office	Act.
1	File	
2	OS	25X1
	ADMIN	
	SEC BR	
3	P&DS	
	CSD	
	IPD	
	PD	
	PSD	25X1
	PSD-ICB	
4/5	TID	
	PID	
	PAG	
	DIAXX-4	
	SPAD	
	NSA-LO	
	DIA-AP	

2. CONVERSATIONS WITH [Redacted] CONFIRM THAT THE SUSPECTED CAUSE OF THE INFERIOR QUALITY WAS IMPROPER FOCUS.

3. BECAUSE OF THE INFERIOR QUALITY NO ATTEMPT WAS MADE TO COMPARE ANY DIFFERENCE IN RESOLUTION BETWEEN SO-121 AND SO-271. THE EVALUATION OF THE TWO EMULSIONS WAS LIMITED TO SUBJECTIVE COLOR QUALITY AND SCENE RENDITION.

4. VIEWING EITHER EMULSION INDEPENDENTLY PROVIDES REALISTIC SCENE RENDITIONS. THE HUMAN EYE CAN READILY ADAPT TO EITHER EMULSION. SIDE BY SIDE COMPARISON OF IDENTICAL FRAMES INDICATES A RADICAL SHIFT IN COLOR BALANCE. LIMITED CIRCULATION OF THE TWO EMULSIONS DOES NOT INDICATE A PREFERENCE OF ONE MATERIAL OVER THE OTHER. THERE ARE OBVIOUS DIFFERENCES IN THE COLORS OF THE EMULSION DYES, PARTICULARLY IN THE CYAN AND YELLOW LAYERS. THE

25X1

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**TOP SECRET**

[Redacted]

GROUP  
Excluded from automatic  
downgrading and  
declassification

25X1

-2-

SHIFT IN SCENE RENDITION CAN BE ATTRIBUTED TO THIS DIFFERENCE.

5. EITHER EMULSION WOULD BE ACCEPTABLE FOR INTELLIGENCE  
PURPOSES.

T O P S E C R E T

-END OF MESSAGE-

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