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Sept. 24, 1963

HTA/5 Film Processor

[Redacted]

[Redacted]

*JWC*  
*(1)*  
*(2)*  
*(3)*  
*File!*

[Redacted] on Thurs  
19 Sept to say that the machine was now ready to  
ship to March AFB. George had other commitments  
and could not get to [Redacted] immediately so he asked me  
to meet [Redacted] of March AFB at [Redacted] to check  
on the readiness of the machine.

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[Redacted] of March and I looked  
at the Sensitometric data and the ~~last~~ film of the  
last run. [Redacted] had run both the negative thin base  
film SO 1188 and the Positive thin base film  
SO 278 (which they say is the same as 8430). These  
films are representative of the materials the machine  
must handle. The results were generally good. The  
density varied only  $\approx .025$  across the  $9\frac{1}{2}$  inch  
width and about .02 from head to tail. The data is  
enclosed. Physically, there was a 1000% improvement  
over the last run made while George was there.  
There were only occasional very faint random streaks.  
Later, [Redacted] said he thought this was a chemical problem  
due to using D-19 at  $85^{\circ}$ . His opinion was that the  
streaks would disappear if the processing was done  
at  $68^{\circ}$ . STATINTL STATINTL

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It was the concensus of [Redacted] and I that  
the machine was ready to go to March for test. It  
was fortunate that our opinion coincided with that  
of [Redacted] because they had already started to dismantle  
the machine for shipment. I advised [Redacted] of  
[Redacted] Contracts that they could proceed on their present  
course but that the final word on shipment would come  
from [Redacted] I talked to [Redacted] Fri night and he con-  
curred that the machine should go to March.

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I asked [Redacted] if the quality of the material we  
had seen would be acceptable output from his shop.  
He said no. He recognized however two factors which  
made him feel the machine should be shipped anyway.  
One, the [Redacted] people were operating under factory  
conditions not laboratory conditions which is a  
considerable handicap. Two, the use of D-19 at high  
temperature was an extreme test.

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Although [Redacted] exhibited some enthus-  
iasm over the machine they were rather noncommittal  
as to whether the machine was fully satisfactory.  
I guess this is to be expected since they haven't  
operated the machine.

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*10-1-63*  
*The HTA/5 Processor was shipped to MAFB*  
*on 9-30-63 and will be installed during that week.*  
*HTA.*  
*The tests will require about 6 weeks.*

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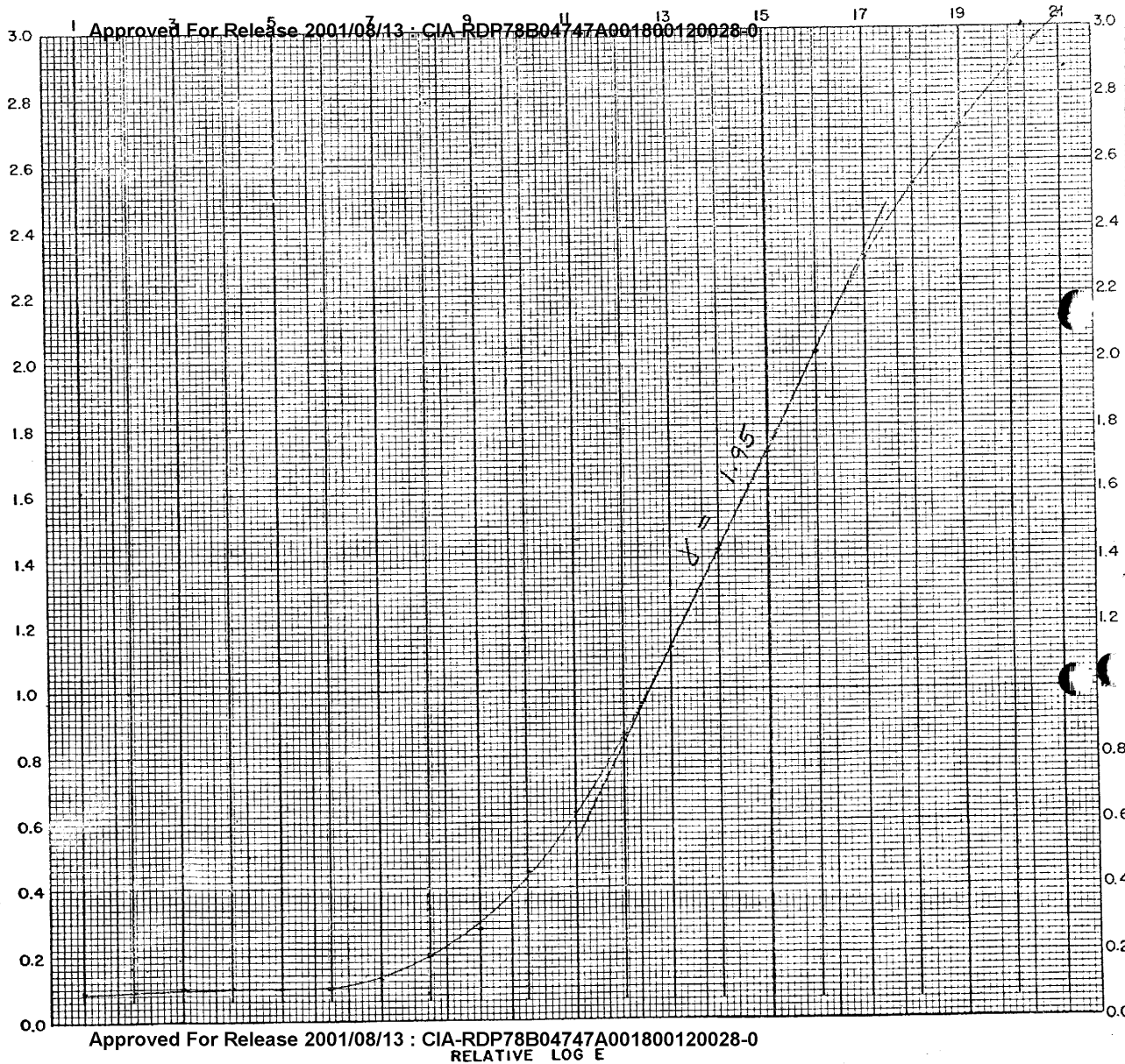
TYPE *NEG*  
 CLASS  
 MFR  
 EXPIR. DATE  
 EMUL. NO. *501188*  
 HTA-5 *501188*

DENSITIES

F	.09	11	.63
1	.09	12	.86+
2	.09	13	1.13
3	.10	14	1.42
4	.10	15	1.72
5	.10	16	2.02
6	.10	17	2.31
7	.13	18	2.53
8	.20	19	2.71
9	.28	20	2.88
10	.45	21	3.04

DEVELOPER	
DEVEL. T.	
BASE D.	<i>72</i>
FOG	<i>5 .09</i>
SPEED	
GAMMA	<i>1.95</i>

REMARKS



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[REDACTED]

TYPE DUPE  
CLASS  
MFR  
EXPIR. DATE  
EMUL. NO. S0278  
HTA-5 9/19/63

DENSITIES

F	.03	11	.65+
1	.03	12	.91
2	.03	13	1.19
3	.03	14	1.45
4	.04	15	1.69
5	.04	16	1.91
6	.05	17	2.09
7	.08	18	2.26
8	.12	19	2.36
9	.24	20	2.43
10	.42+	21	2.53

DEVELOPER	
DEVEL. T.	
BASE D +	.03
FOG	
SPEED	
GAMMA	1.75

REMARKS

