

4 May 1966

TESTING SPECIFICATIONS FOR ACCEPTANCE OF
FILM TRANSPORT MODIFICATION

STATINTL

1. With the film transport in the "O" position of the "Y" axis, focus the enlarger with the focusing equipment. Record the numerical setting of focus. Check the focus through the magnification range. STATINTL
2. At 7X, make a resolution print on high resolution film with the high contrast resolution target in the film gate. Without moving the test target, make two other with the film transport moved to the extreme positions of its travel.
3. Vary the numerical focus setting $+\frac{1}{2}$ of the smallest division and repeat step # 2.
4. Vary the numerical focus setting $-\frac{1}{2}$ of the smallest division and repeat step # 2.
5. Reset the focus adjustment to the reading recorded in step # 1 and repeat step # 2 at 2X and 4X.
6. Repeat step # 2, 3, 4, & 5 using the low contrast resolution target. After following step # 1 make resolution prints using both the high and low contrast targets on the newest unmodified at 2X, 4X, and 7X. STATINTL

Tabulate the results.

Declass Review by NIMA/DOD

TEST FILM - FINE GRAIN POSITIVE

PROCESS - VERSIMAT A 15'/MIN @ 75°F

MAG.	FOCUS	Y = 0 CENTER EASEL	Y = +1/2 CENTER REAR EASEL	Y = -1/2 CENTER FRONT EASEL
4X	00	139 L/MM	139 L/MM	139 L/MM
4X	-0.005	139 L/MM	139 L/MM	139 L/MM
4X	+0.005	139 L/MM	139 L/MM	125 L/MM
7X	00	198 L/MM	88 L/MM	BELOW 80 L/MM
7X	-0.005	177 L/MM	88 L/MM	80 L/MM
7X	+0.005	177 L/M	88 L/MM	80 L/MM