

## **CAMERA CALIBRATION CERTIFICATE**

*9.1.7B*

**WILD LENS CONE / ~~CAMERA~~**

NO. 15 UAG II NO. 3117

TYPE: RC 10

# CAMERA CALIBRATION

LENS : 15 UAG II      NO.: 3117      CALIBRATION DATE: 78/01/09

FILTER ON CAMERA: ----  
APERTURE F / 5.6

CALIBRATED FOCAL LENGTH      153.17 MM

## DISTORTION (MICROMETERS)

POSITIVE VALUES DENOTE IMAGE DISPLACEMENT AWAY FROM CENTER.

RADIUS MM	SEMI-DIAGONAL				MEAN
	1	3	2	4	
0	0	0	0	0	0
10	-1	0	1	-3	-1
20	-3	-1	0	-2	-2
30	-2	-2	-1	-4	-2
40	-2	-2	1	-3	-2
50	-2	-1	1	-2	-1
60	-1	0	-1	-2	-1
70	2	3	4	1	2
80	2	3	4	2	3
90	2	3	5	2	3
100	1	1	2	1	1
110	-1	-1	1	0	0
120	-1	-1	-1	-1	-1
130	-4	-3	-2	-1	-2
140	-3	-5	-3	1	-2
148	2	1	-1	3	1

## RESOLVING POWER (LINE PAIRS PER MILLIMETER)

CONTRAST (LOG) 2.0    APERTURE: 4.0    FILM: AGFAPAN 25 PROFESSIONAL

ANGLE (DEG.)	0	5	10	15	20	25	30	35	40	45
RAD.	95	106	117	58	40	34	52	69	32	12
TANG.	95	66	51	44	42	44	50	57	39	30
AWAR	50									

*Handwritten mark*

# CAMERA CALIBRATION

LENS : 15 UAG II

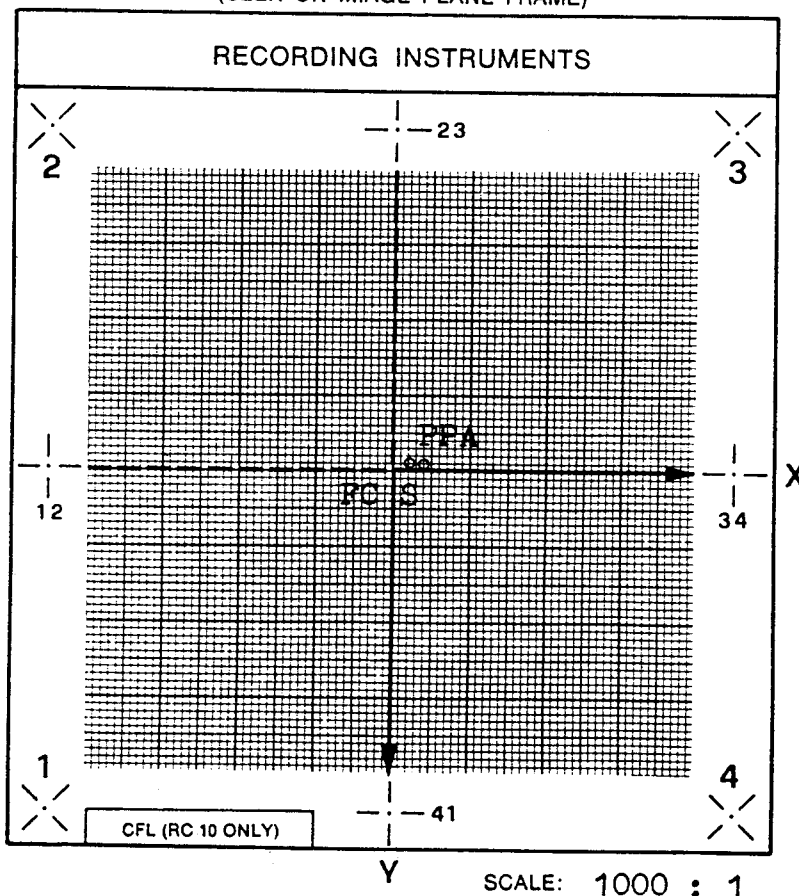
NO.: 3117

CALIBRATION DATE: 78/01/09

POINT	X MM	Y MM
FC	0.000	0.000
S	.002	-.001
PPA	.004	-.001
1	-105.998	105.997
2	-106.002	-106.001
3	106.001	-106.000
4	106.001	106.000

S : POINT OF BEST SYMMETRY  
PPA : PRINCIPAL POINT OF AUTOCOLLIMATION

(SEEN ON IMAGE PLANE FRAME)



15 URG 11 NO. 3117

78/01/09

C.F.L. 153.17 MM  
FILTER ON CAMERA ----  
APERTURE F/5.8

