

---

## CAMERA CALIBRATION CERTIFICATE

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

NO. 15 UAG II NO. 3113

TYPE: RC 10

## CAMERA CALIBRATION

LENS : 15 UAG II      NO.: 3113      CALIBRATION DATE: 79/06/08

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

CALIBRATED FOCAL LENGTH      152.92 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	-3	-3	-1	-2	-2
20	-2	-4	-1	-4	-3
30	-4	-5	-1	-4	-3
40	-4	-4	-3	-4	-4
50	-3	-4	-1	-4	-3
60	0	-3	-2	-3	-2
70	2	0	0	-2	0
80	2	1	2	-1	1
90	1	1	1	0	1
100	3	3	1	2	2
110	1	2	0	1	1
120	-2	0	-3	1	-1
130	0	1	-2	-1	0
140	2	1	0	1	1
148	3	2	3	2	3

### 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.	84	84	83	46	35	38	65	69	32	13
TANG.	84	84	51	49	47	49	63	57	25	19
- AWAR	51									

# CAMERA CALIBRATION

LENS : 15 UAG II

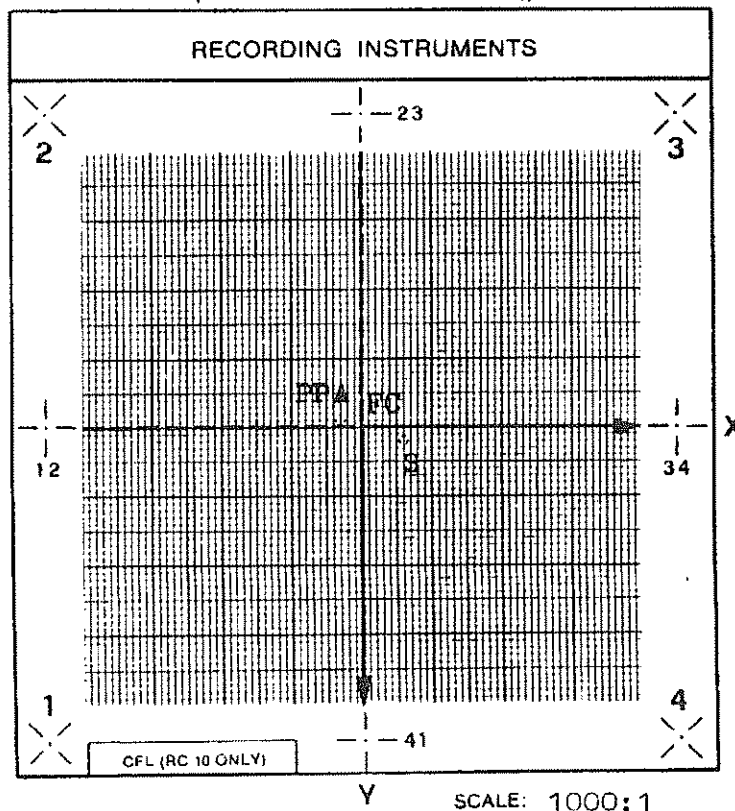
NO.: 3113

CALIBRATION DATE: 79/06/08

POINT	X MM	Y MM
FC	0.000	0.000
S	.006	.002
PPA	-.003	-.001
1	-105.996	105.993
2	-105.996	-105.994
3	106.010	-106.007
4	106.003	106.001

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

(SEEN ON IMAGE PLANE FRAME)



15 UAG 11 NO. 3113

75/44/44

C.F.L. 152.92 MM  
FILTER ON CAMERA  
APERTURE F/5.6

D μm

+10

-10

50

100

150  
R MM

MEAN DISTORTION CURVE

D μm

+10

-10

50

100

150  
R MM

ORIGIN: POINT OF SYMMETRY

WILLI HICENLUSU

97