

CAMERA CALIBRATION CERTIFICATE

WILD LENS CONE / ~~CAMERA~~

NO. 21 NAG II NO. 7102

TYPE: RC 10

28.3.1979

CAMERA CALIBRATION

LENS : 21 NAG II

NO.: 7102

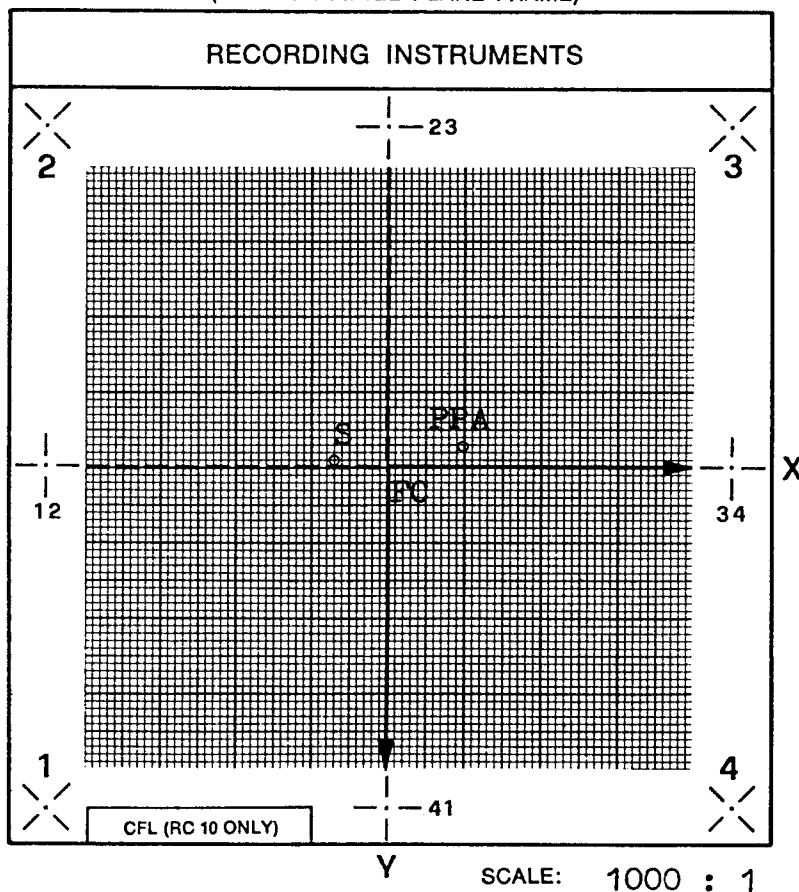
CALIBRATION DATE: 79/03/28

POINT	X MM	Y MM
FC	0.000	0.000
S	-.007	-.001
PPA	.010	-.003
1	-106.003	106.003
2	-106.000	-106.001
3	105.995	-105.996
4	106.004	106.004

S : POINT OF BEST SYMMETRY

PPA : PRINCIPAL POINT OF AUTOCOLLIMATION

(SEEN ON IMAGE PLANE FRAME)



[Handwritten signature]

CAMERA CALIBRATION

LENS : 21 NAG II NO.: 7102 CALIBRATION DATE: 79/03/28

FILTER ON CAMERA: ----

APERTURE F / 4.0

PRINCIPAL DISTANCE (900 M) 213.56 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	2	-2	0
20	0	0	2	-1	0
30	1	2	3	0	1
40	2	1	3	1	2
50	3	2	3	1	2
60	2	1	1	-1	1
70	2	0	2	-1	0
80	-1	-1	1	-2	-1
90	-3	-2	0	-1	-1
100	-1	0	-1	0	-1
110	-1	-1	-1	0	-1
120	0	0	0	0	0
130	-1	-1	1	0	0
140	1	1	0	1	1
148	-1	0	-2	1	0

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
RAD.	75	75	83	73	63	34	37	41
TANG.	75	84	73	70	53	55	45	45
AWAR	54							

S

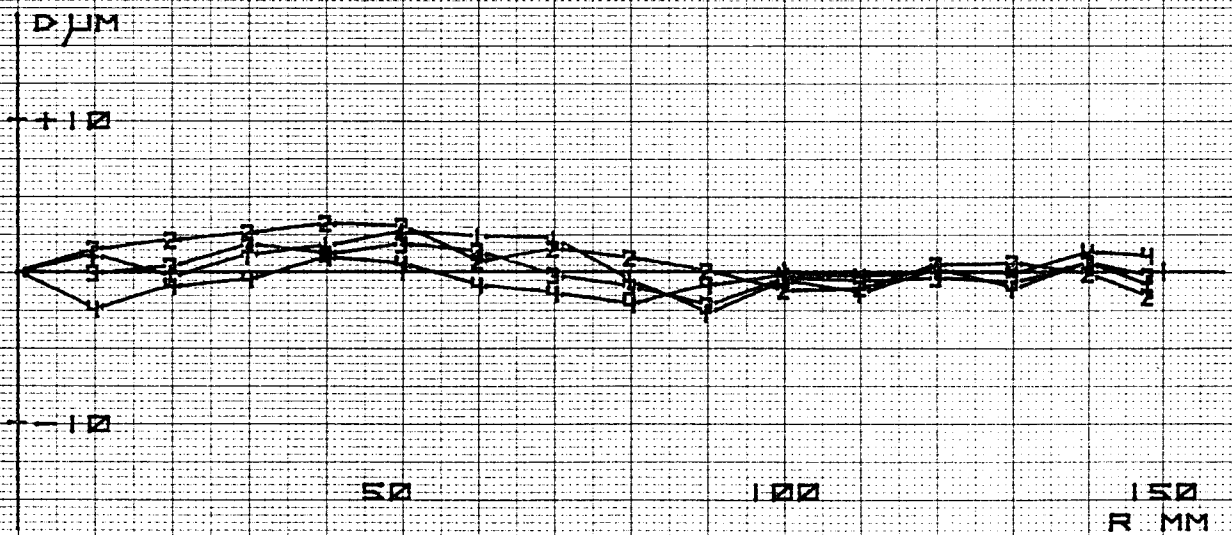
ZI NAG II NO. 7102

79/03/28

F.D. <900 M> 213.56 MM
FILTER ON CAMERA ----
APERTURE F/4.0



MEAN DISTORTION CURVE



ORIGIN : POINT OF SYMMETRY