

1.07. 1977

**WIL
HEERBRUGG**

*Gebildet für Bestellung, teilweise
von Fa Wild übernommen. Flug V-D*

CAMERA CALIBRATION CERTIFICATE

WILD LENS CONE / ~~CAMERA~~

NO. 15 UAG. NO. 1083

TYPE: RC 10

CAMERA CALIBRATION

LENS : 15 UAG NO.: 1083 CALIBRATION DATE: 77/07/01

FILTER ON CAMERA: ----

APERTURE F / 5.6

CALIBRATED FOCAL LENGTH 152.95 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	3	4	-1	2
20	2	4	6	3	3
30	4	4	4	3	4
40	7	6	8	5	7
50	5	6	6	4	5
60	4	4	2	3	3
70	4	3	3	2	3
80	2	2	1	0	1
90	-3	-2	-3	-5	-3
100	-5	-4	-6	-6	-5
110	-8	-7	-7	-7	-7
120	-8	-6	-8	-8	-7
130	-3	-3	-5	-4	-4
140	5	3	0	1	2
148	17	14	8	9	12

RESOLVING POWER (LINE PAIRS PER MILLIMETER)

CONTRAST (LOG) 2.0 APERTURE: 5.6 FILM: AGFAPAN 25 PROFESSIONAL

ANGLE (DEG.)	0	5	10	15	20	25	30	35	40	45
RAD.	53	53	52	51	55	48	51	49	29	9
TANG.	53	53	51	49	42	55	44	40	31	24
AWAR	44									

CAMERA CALIBRATION

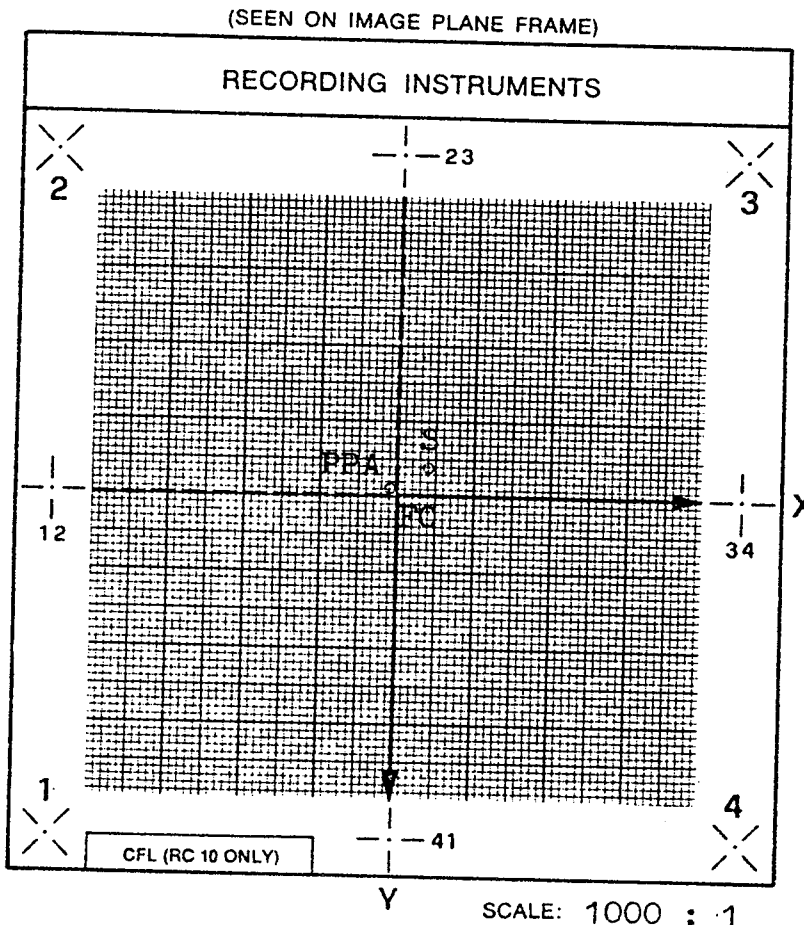
LENS : 15 UAG

NO.: 1083

CALIBRATION DATE: 77/07/01

POINT	X MM	Y MM
FC	0.000	0.000
S	.004	-.004
PPA	-.001	-.001
1	105.995	105.998
2	-105.999	-106.002
3	106.001	-106.004
4	106.000	106.004

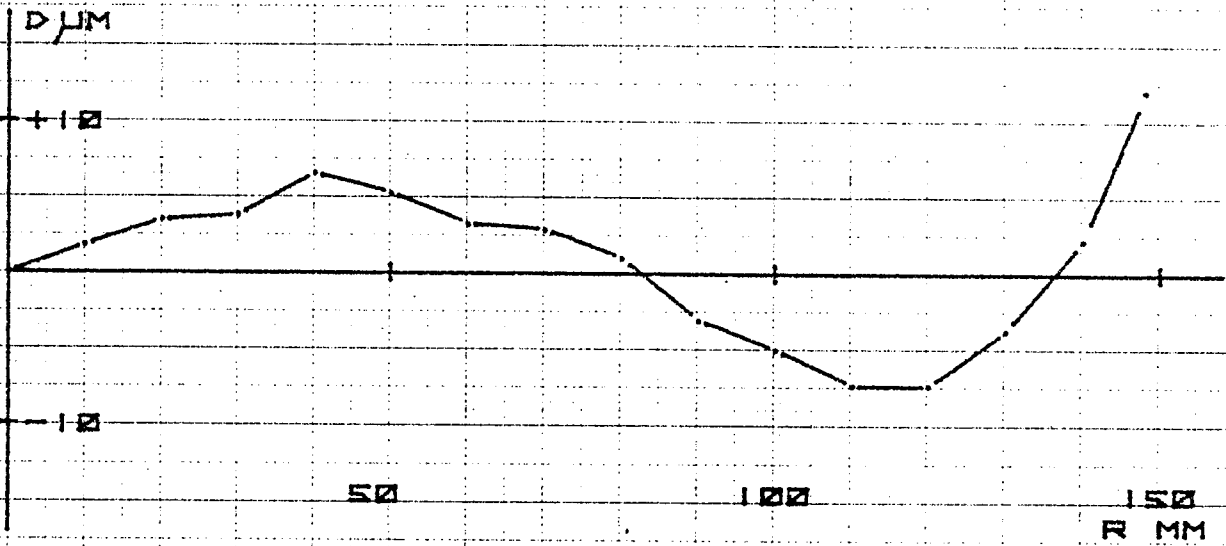
S : POINT OF BEST SYMMETRY
PPA : PRINCIPAL POINT OF AUTOCOLLIMATION



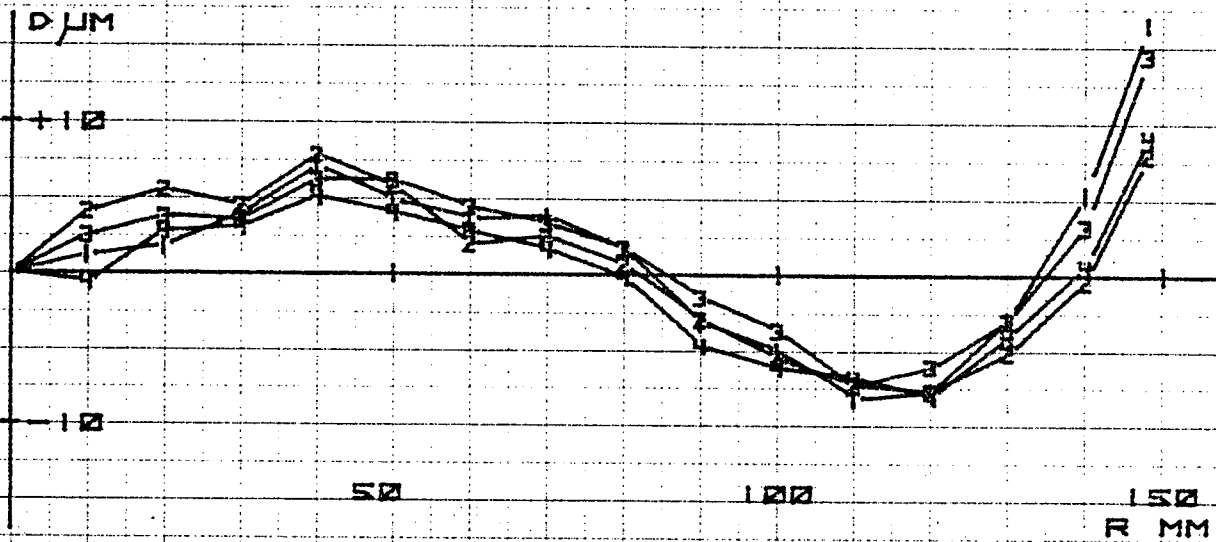
15 URG NO. 1083

77/07/01

C.F.L. 152.95 MM
FILTER ON CAMERA ----
APERTURE F/5.6



MEAN DISTORTION CURVE



ORIGIN: POINT OF SYMMETRY