



Calibration Certificate

Wild Lens Cone / ~~Camera~~

No. 15 UAg. 120

Type: RC5/RC8

This calibration certificate replaces the
previous certificate issued on 7.4.66

20. Feb. 1970

Lens Cone / Camera

Type: RC5/RC8
 No.: 15 UAg. 120
 Format: 9" x 9"

Lens

Calibration date: 20.2.70

Type: Universal - Aviogon
 No.: 120
 f = 152.86 mm
 max. aperture: f:5.6

Resolving Power (Lines per millimeter)

High contrast and max. aperture f:5.6

Film: Agfa IP 15 blank

Glass plate:

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°
rad.	53	53	52	57	55	48	51	49	24	8			
tang.	53	53	51	44	42	44	44	40	35	19			

rad.													
tang.													

Distortion in millimeters

The given distortion is the arithmetic mean of the four semi-diagonals. Positive values denote image displacement away from center.

Goniometer measurements made with no filter on Lens Cone / ~~Camera~~

Calibrated focal length: 152.86 mm

Radius	20	40	60	80	100	120	140	148
Distortion	+0.005	+0.007	+0.006	+0.002	-0.003	-0.008	-0.003	+0.007

The displacement of the principal point of autocollimation from the intersection of the diagonals (fiducial center) is within 0.02 mm.

Date of Dispatch: 26.2.70

WILD HEERBRUGG
 Limited *Jim 542*

Lens Cone/Camera

Lens

Calibration date: 20.2.70

Type: RC5/RC8

Type: Universal - Aviogon

Format: 9" x 9"

No.: 15 UAg. 120 f = 152.86 mm

Coordinates (Origin: Fiducial Center) of

Point of best Symmetry (S):

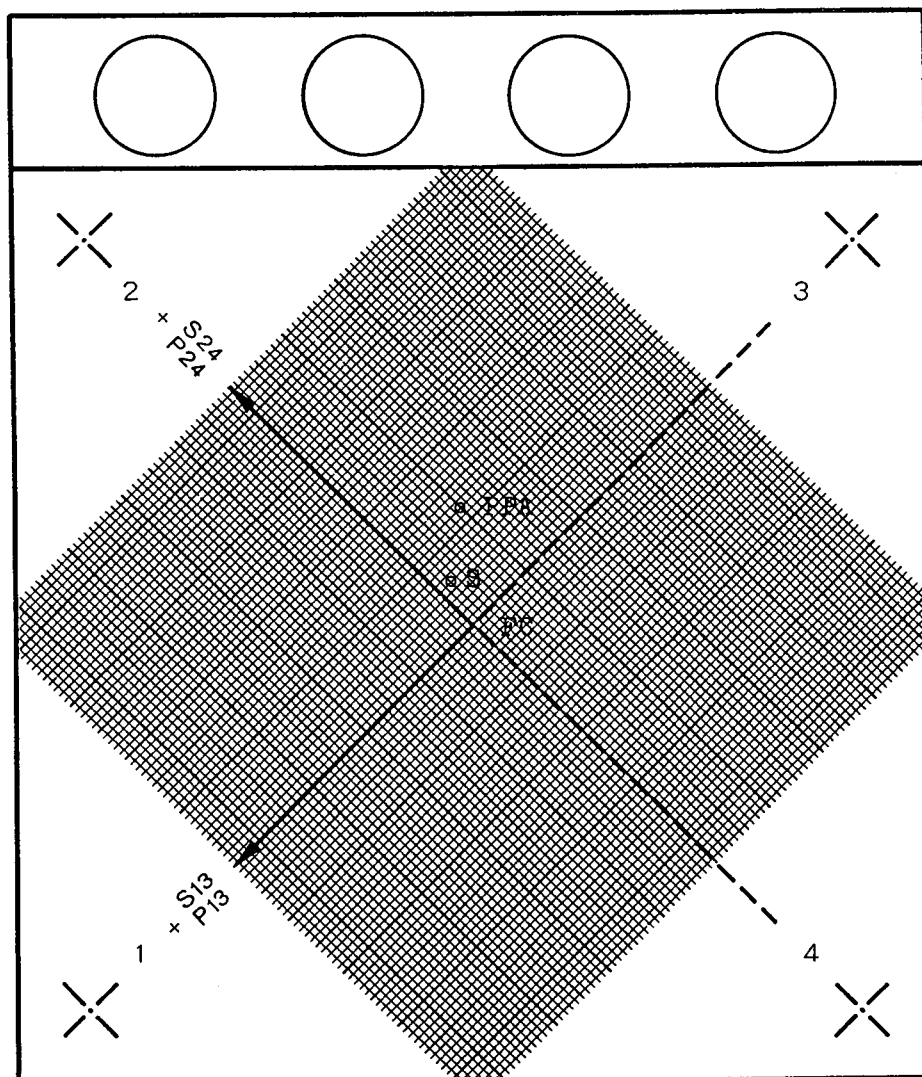
S13 = - 2 μm S24 = + 6 μm

Principal Point of Autocollimation (PPA):

P13 = -10 μm P24 = +12 μm

(Calibration without filter)

(Seen on Focal Plane Frame)

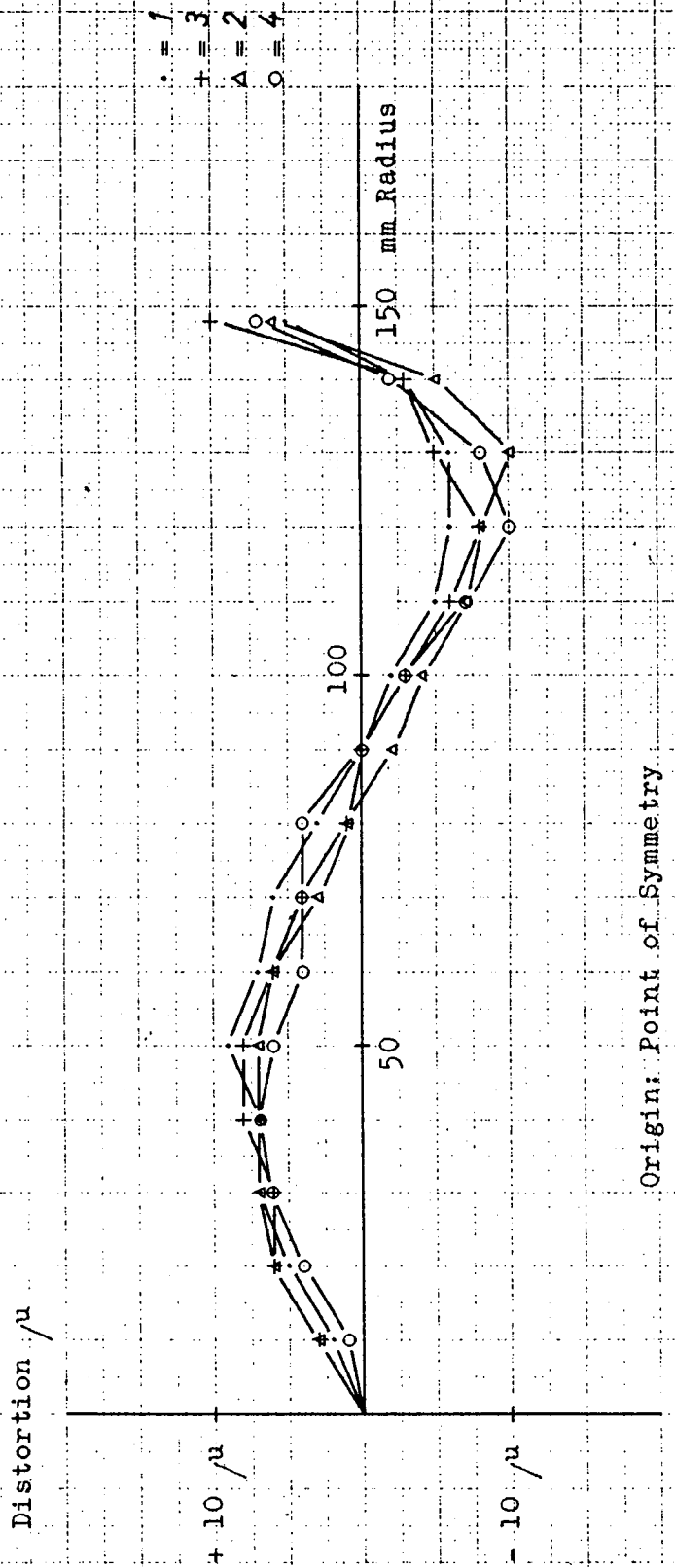


SCALE: 1000:1

Distances between Fiducial Marks in mm:

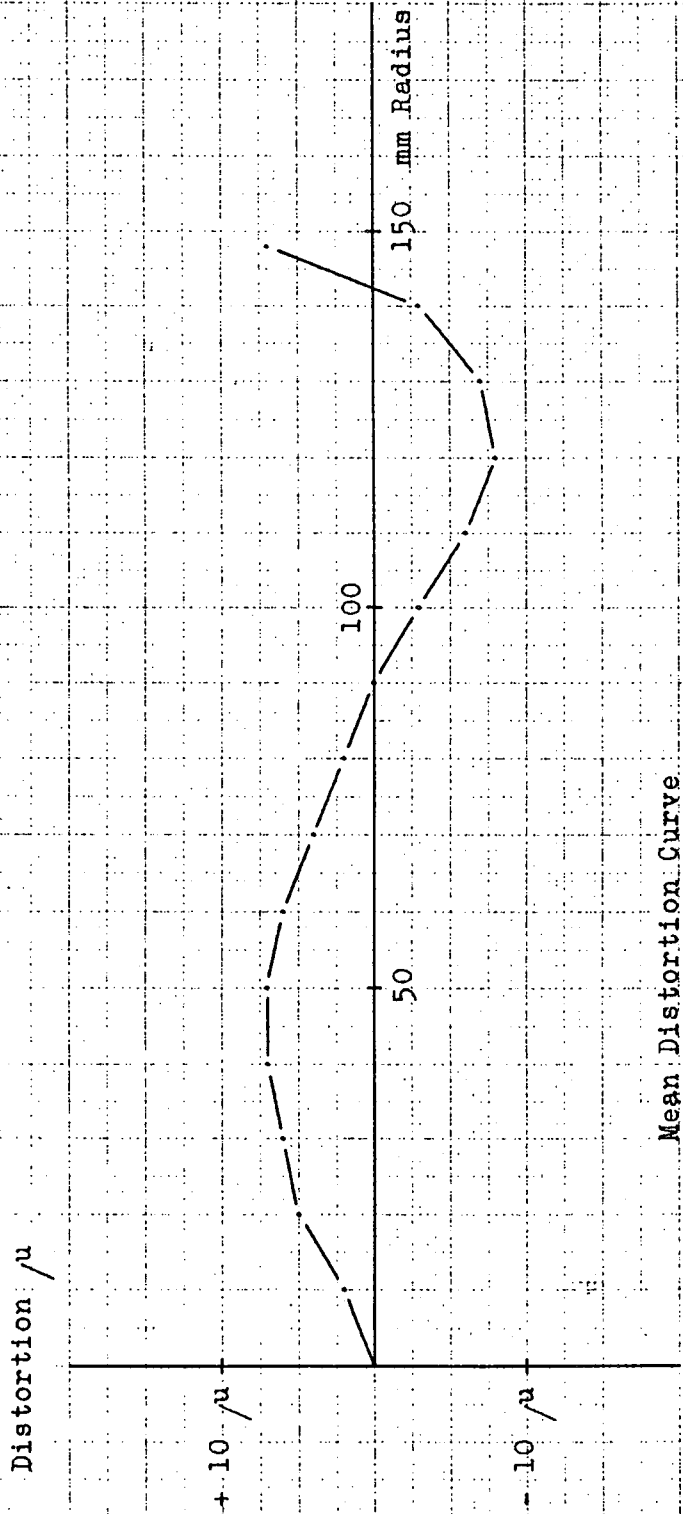
- 1 - 2 = 212.013 1 - 3 = 299.818
- 2 - 3 = 212.016 2 - 4 = 299.827
- 3 - 4 = 212.001
- 4 - 1 = 212.001

WILD UNIVERSAL - AVIOGON Lens Cone 9" x 9" No. 15 UAg. 120 f = 152.86 mm



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WILD UNIVERSAL - AVIOGON Lens Cone 9" x 9" No. 15 UAG. 120 f. = 152.86 mm



Mean Distortion Curve

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