

Calibration Certificate 10.11.72

Wild Lens Cone / Camera

No. 15 Ctg. II No. 3038

Type: KC 10

Lens Cone / Camera

Type: RC 10
 No.: 15 Uag. 3008
 Format: 9" x 9"

Lens

Calibration date: 10.11.72

Type: Universal - Aviogon II
 No.: 3008
 f = 155.03 mm
 max. aperture: f/4

Resolving Power (Lines per millimeter)

High contrast and max. aperture f/4

Film: Agfa IF 15 blank

Glass plate:

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°
rad.	83	83	82	46	35	30	72	68	26	12			
tang.	83	83	80	62	52	55	62	50	28	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: 155.03 mm

Radius	20	40	60	80	100	120	140	145
Distortion	0.000	+0.001	0.000	+0.001	-0.001	-0.002	-0.001	+0.003

The displacement of the principal point of autocollimation from the intersection of the diagonals (fiducial center) is within 0.015 mm.

Date of Dispatch: 14.11.72

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 United Germany 542

Lens Cone/Camera**Lens****Calibration date:** 10.11.72

Type: RC 10

Type: Universal - Aviogon II

Format: 9" x 9"

No.: 3008

f = 153.03 mm

Coordinates (Origin: Fiducial Center) of

Point of best Symmetry (S):

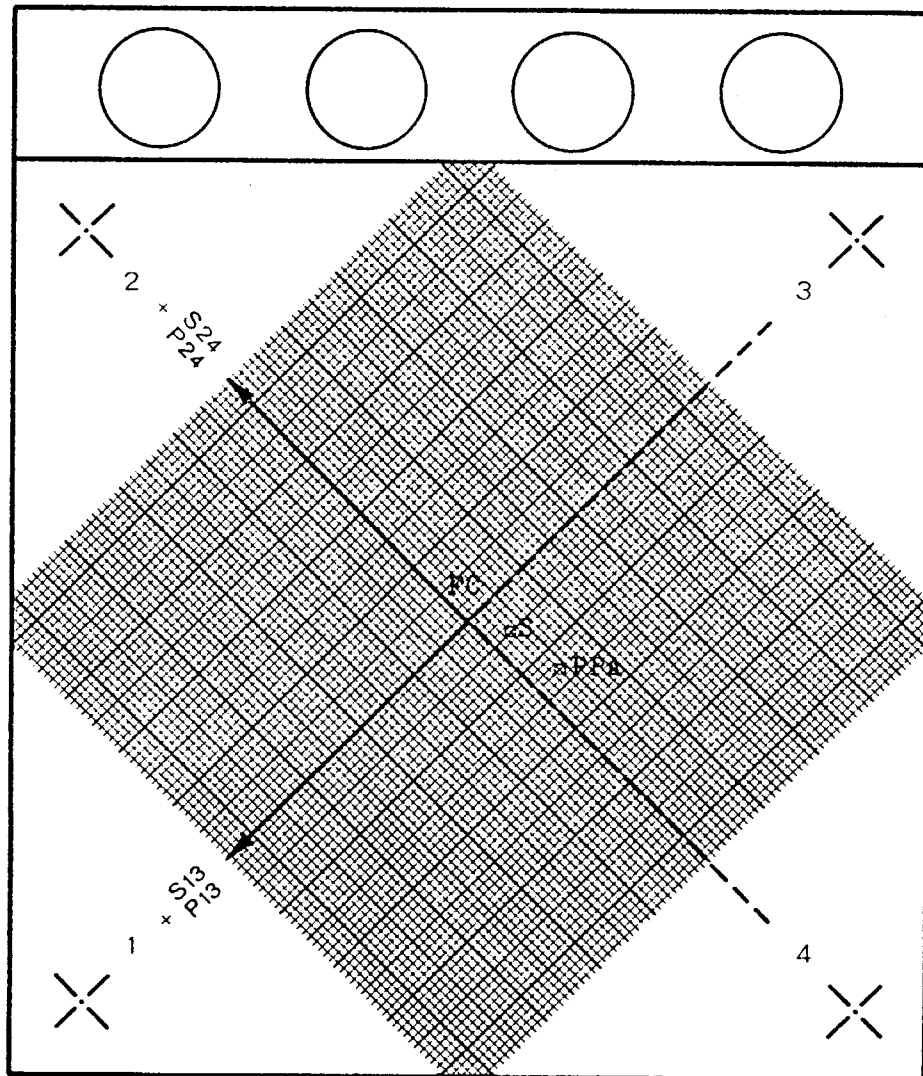
S13 = -3 μm S24 = -5 μm

Principal Point of Autocollimation (PPA):

P13 = -4 μm P24 = -13 μm

(Calibration without filter)

(Seen on Focal Plane Frame)



SCALE: 1000:1

Distances between Fiducial Marks in mm:

1 - 2 = 212.012

1 - 3 = 299.836

2 - 3 = 212.013

2 - 4 = 299.820

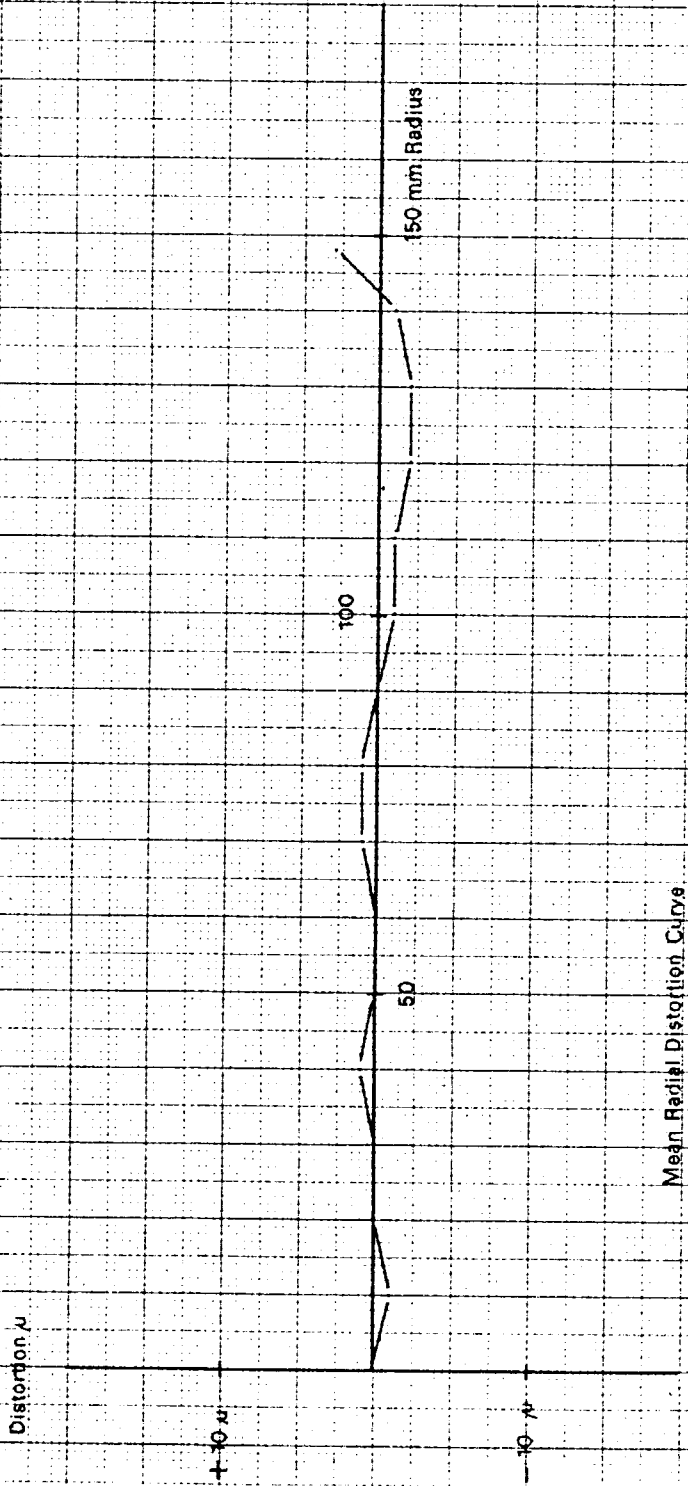
3 - 4 = 212.008

4 - 1 = 212.011

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WILD UNIVERSAL-AVIAGON II Lens Core 9" x 9" No. 15 UAg. II 3008 f = 153.03 mm

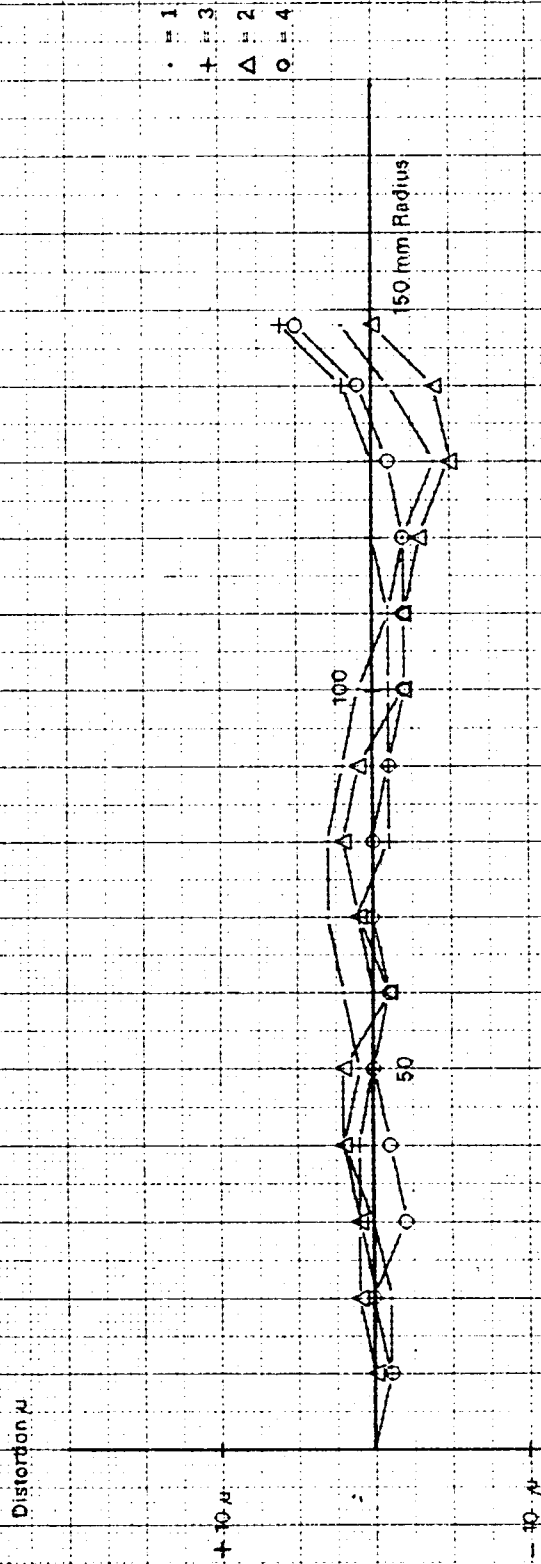


Mean Radial Distortion Curve

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WILD UNIVERSAL - AVIOGON II Lens Cone 9" x 9" No. 15 UAg. II 3008 f = 153.03 mm



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