

Calibration Certificate

12. 2. 1974

Wild Lens Cone / ~~Camera~~

No. 15 UAg. II No. 3004

Type: RC 10

This calibration certificate replaces the
previous certificate issued on 8.11.72

Lens Cone / Camera

Type: RC 10
 No.: 15 UAg. II 3004
 Format: 9" x 9"

Lens

Calibration date: 12.2.74

Type: Universal - Aviogon II
 No.: 3004
 f = 153.05 mm
 max. aperture: f/4.0

Resolving Power (Lines per millimeter)

High contrast and max. aperture f/4.0

Film: Agfapan 25 Professional
 Glass plate:

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°
rad.	75	94	93	64	44	43	72	68	29	12			
tang.	75	75	73	55	52	55	62	50	31	27			

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: 153.05 mm

Radius	20	40	60	80	100	120	140	148
Distortion	-0.001	-0.001	+0.001	+0.002	+0.001	-0.001	-0.001	+0.001

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

Date of Dispatch: 14.2.74

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 Limited Jam. 542

Lens Cone/Camera**Lens****Calibration date:** 12.2.74

Type: RC 10

Type: Universal - Aviogon II

Format: 9" x 9"

No.: 3004

f = 153.05 mm

Coordinates (Origin: Fiducial Center) of

Point of best Symmetry (S):

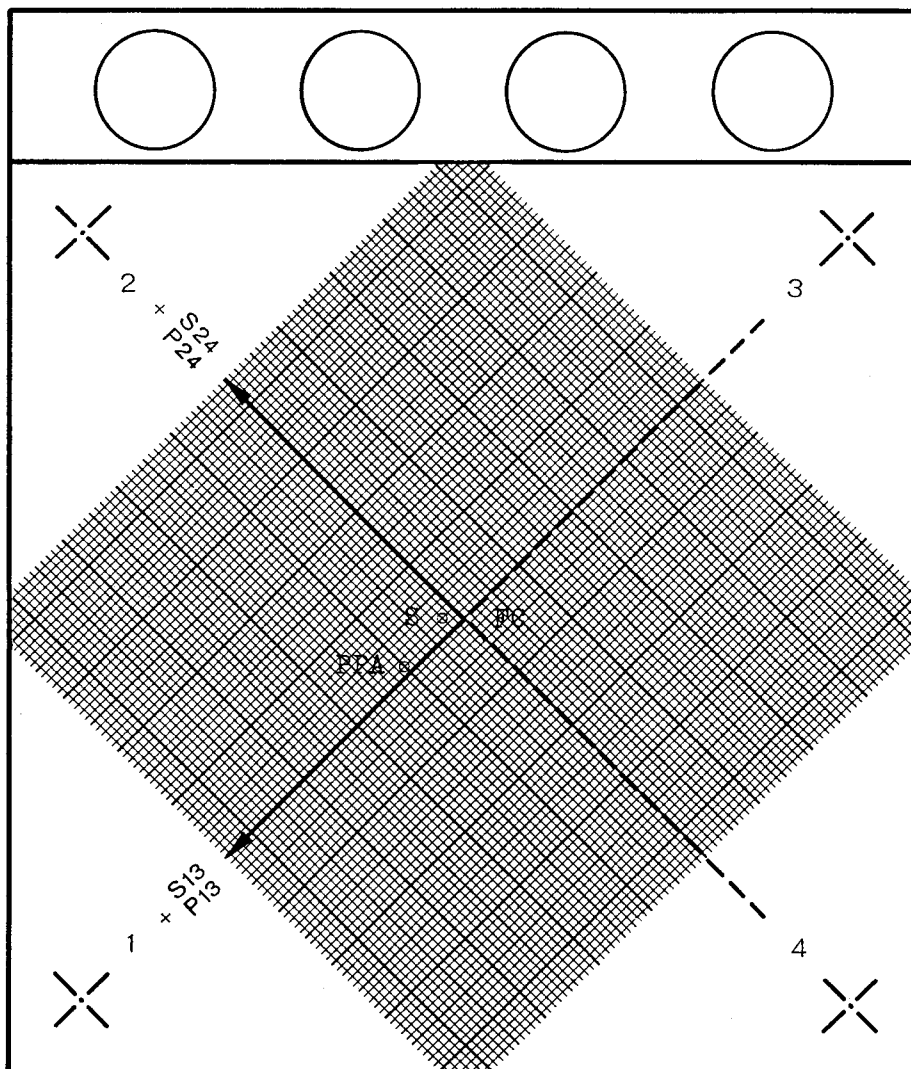
S13 = + 2 μ m S24 = +2 μ m

Principal Point of Autocollimation (PPA):

P13 = +10 μ m P24 = +1 μ m

(Calibration without filter)

(Seen on Focal Plane Frame)



SCALE: 1000:1

Distances between Fiducial Marks in mm:

1 - 2 = 212.006

1 - 3 = 299.812

2 - 3 = 212.002

2 - 4 = 299.832

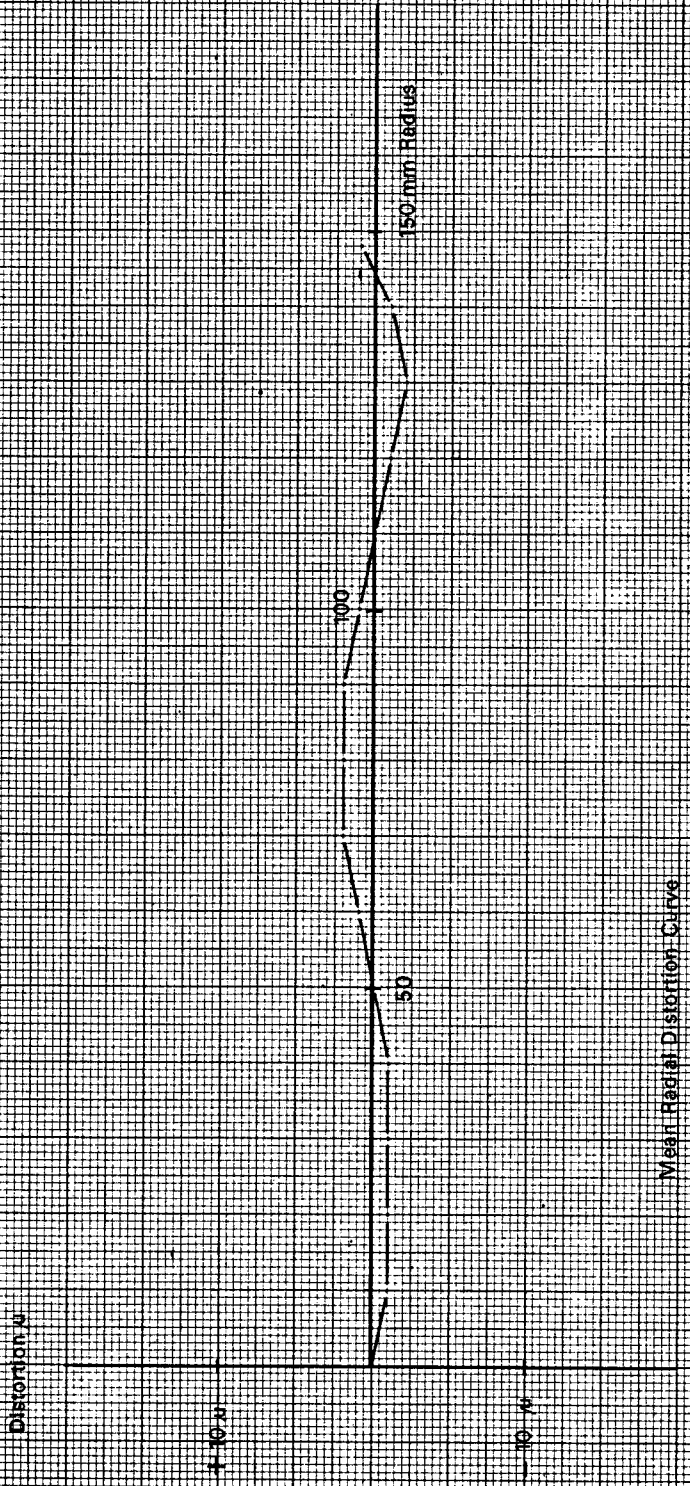
3 - 4 = 212.010

4 - 1 = 212.007

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Jim. 542

WILD UNIVERSAL-AVIAGON II Lens Core 9" X 9" No. 15 UAg. II 3004 f = 153.05 mm

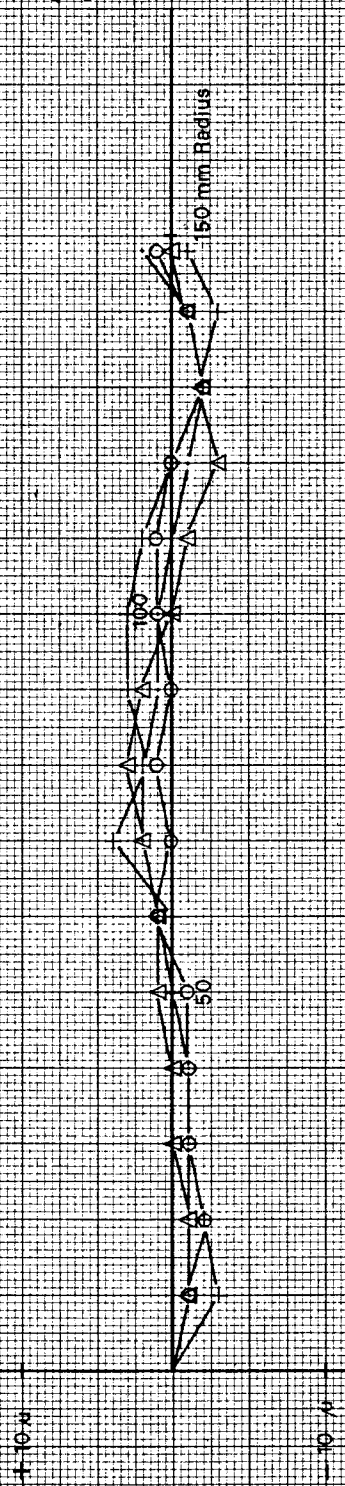


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12.2.76 *J. J. J.*

WILD UNIVERSAL-AVIAGON II Lens Cone 9"x9" No. 15 UAg. II 3004 f = 153.05 mm

Distortion δ

- = 1
- △ = 3
- △ = 2
- = 4



Origin: Point of Symmetry

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12.2.76 *Spin... 8/22*