

Fuggbæveri på Grønland 73-07-27

25.6.68

Calibration Certificate

Wild Camera No. 15 Ag. 196

This calibration certificate replaces the
previous certificate issued on 10.9.62

Lens Cone

Type: RC5/RC8
 No.: 15 Ag. 196
 Size: 9" x 9"

Lens

Calibration date: 25.6.68

Type: Aviogon
 No.: 196
 f = 152.48 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	51	55	43	51	49	26	8			
tang.	53	53	51	49	47	49	44	40	31	19			

rad.													
tang.													

Distortion in millimeters

The given distortion is the arithmetic mean of the four half-diagonals. Positive values denote image displacement outwards.

Goniometer measurements made with ~~WILD RC5/RC8~~ **no filter on lens cone.**

Calibrated focal length: 152.48 mm

Radius	20	40	60	80	100	120	140	148
Distortion	+0.006	+0.010	+0.007	+0.001	-0.006	-0.010	0.000	+0.009

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

Date of Dispatch: 28.6.68

WILD HEERBRUGG
 Limited *MR.*

LENS CONE

LENS

CALIBRATION DATE: 25.6.68

Type: RC5/RC8

Type: Aviogon

Format: 9" x 9"

No.: 15 Ag 196

f = 152.48 mm

Coordinates (Origin: Fiducial Center) of

Point of best Symmetry (S):

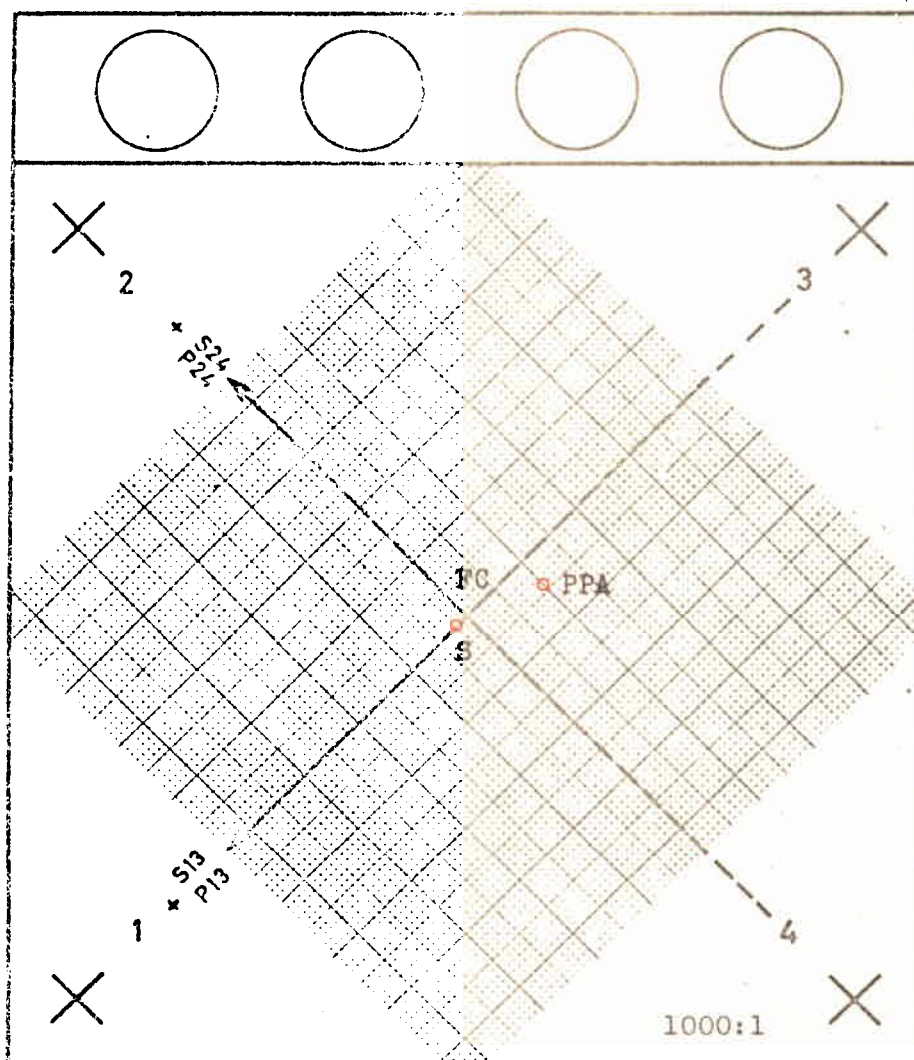
S13 = +2 μ ; S24 = 0 μ

Principal Point of Autocollimation (PPA):

P13 = -10 μ ; P24 = -4 μ

(Calibration without filter)

(Seen on focal Plane Frame)



Distances between Fiducial Marks in mm :

1 - 2 = 212.013

1 - 3 = 299.829

2 - 3 = 212.021

2 - 4 = 299.835

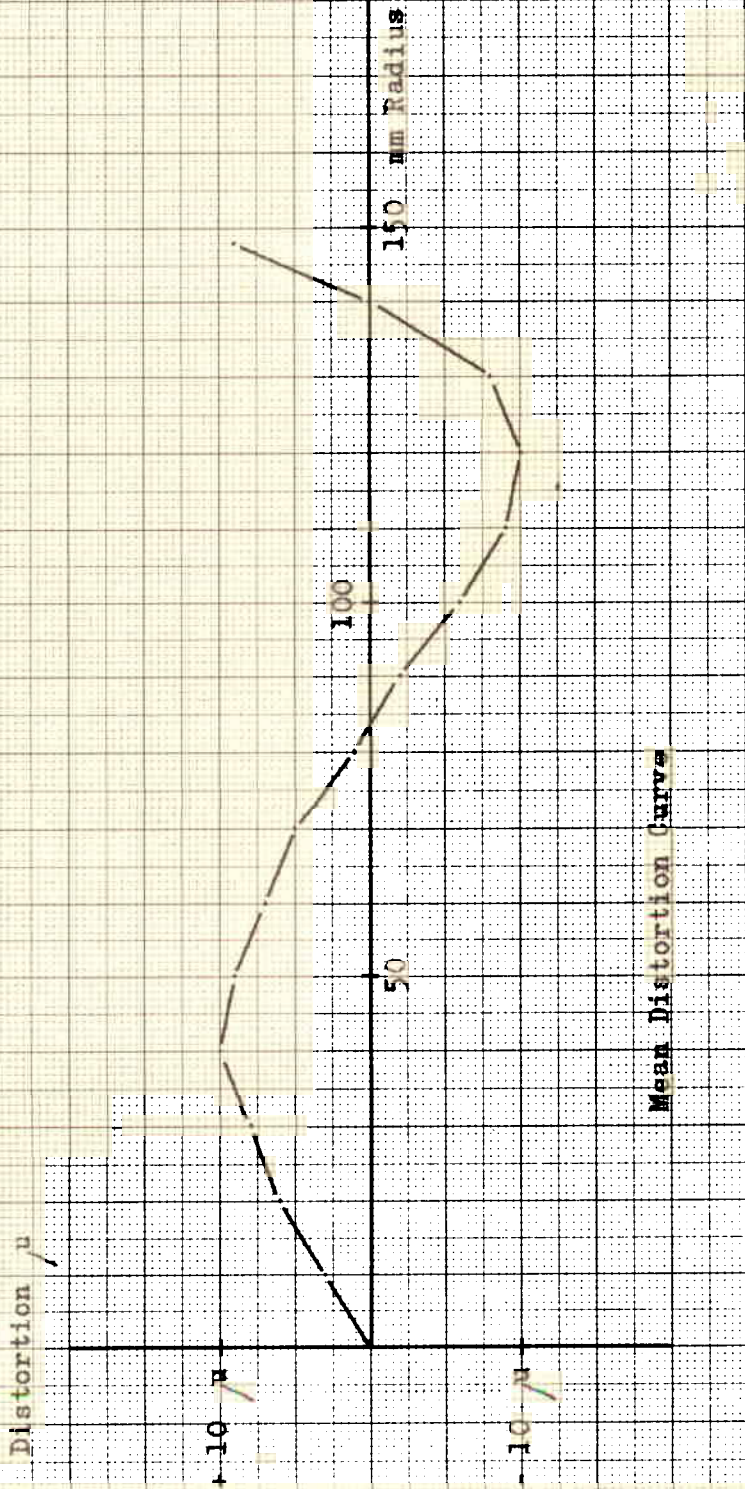
3 - 4 = 212.018

4 - 1 = 212.007

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WILD AVIOCON Lens Cone 9" x 9" No. 15 A.G. 196 f = 152.48 mm

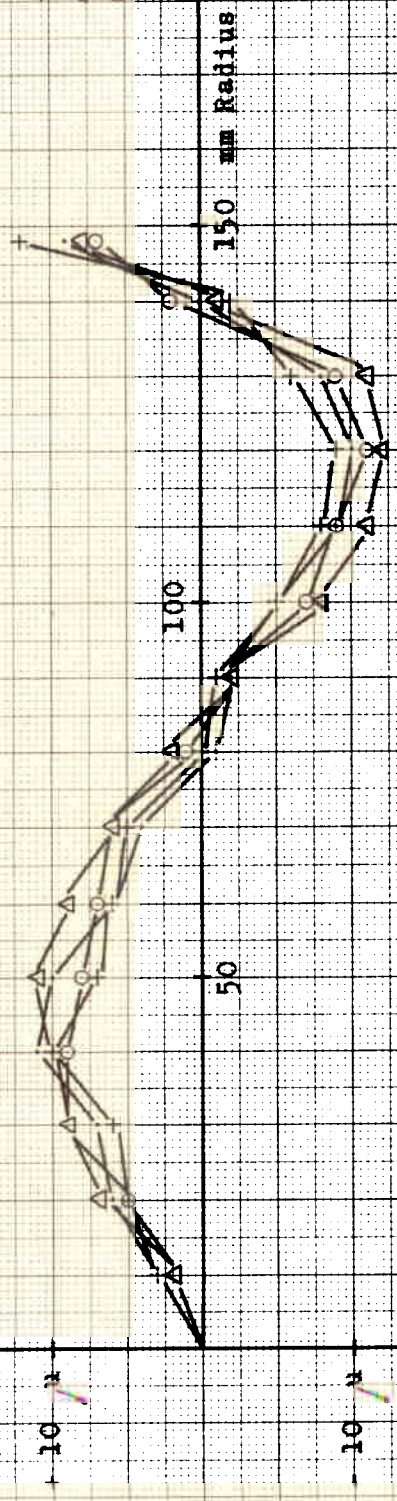


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WILD AVIOGON Lens Cone 9" x 9" No. 15 AG. 196 f = 152.48 mm

Distortion μ

- = 1
- + = 3
- △ = 2
- = 4



Origin: Point of Symmetry

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