

7.4.66



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## Calibration Certificate

**Wild Camera No.** 15 UAg. 120  
Lens No. 120

7.4.66

**Lens Cone**

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

**Lens**

**Calibration date:** 7.4.66

Type: Universal - Aviogon  
 No.: 120  
 f = 153 mm  
 max. aperture: f:5.6

**Resolving Power (Lines per millimeter)**

High contrast and max. aperture f:5.6

Film: Agfa Isopan IFF 13 Planfilm  
 Glass plate:

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°
rad.	53	53	52	51	49	43	46	49	26	8			
tang.	53	53	51	49	47	44	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 ~~Heerbrugg~~ no filter on lens cone.

Calibrated focal length: 152.87 mm

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

The displacement of the principal point of autocollimation from the intersection of the diagonals (fiducial center) is within 0.01 mm

Date of Dispatch: 18.4.66

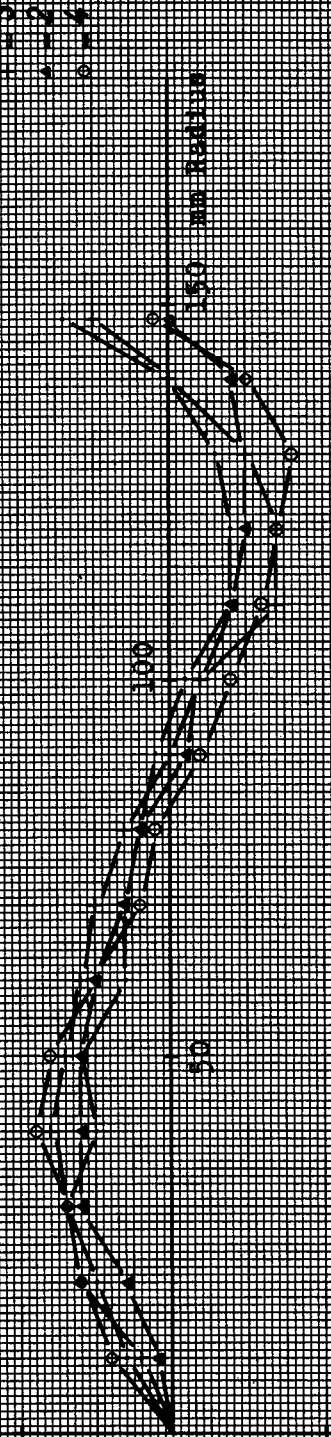
WILD HEERBRUGG  
 Limited *Wm.*

WILD INTERMEDIATE LTD

1000

1000

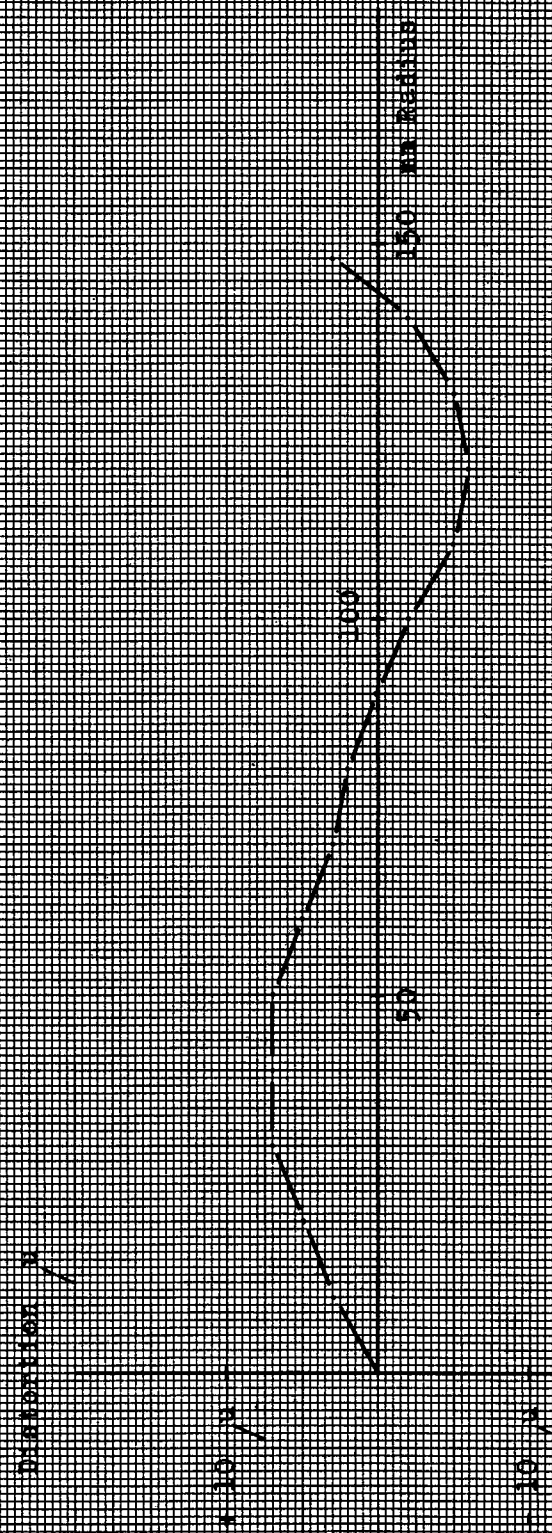
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ORIGINS POINTS OF SYMMETRY

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PROFIL VERFORMUNG - ALUMINIUM - 2000 mm x 100 mm x 10 mm - 1000 mm



PROFIL VERFORMUNG

ALUMINIUM 2000  
1000

LENS CONE

LENS

CALIBRATION DATE: 7.4.66

Type: RC5/RC8

Type: Universal - Aviogon

Format: 9" x 9"

No.: 15 UAg. 120 f = 152.87 mm

Coordinates (Origin: Fiducial Center) of

Point of best Symmetry (S):

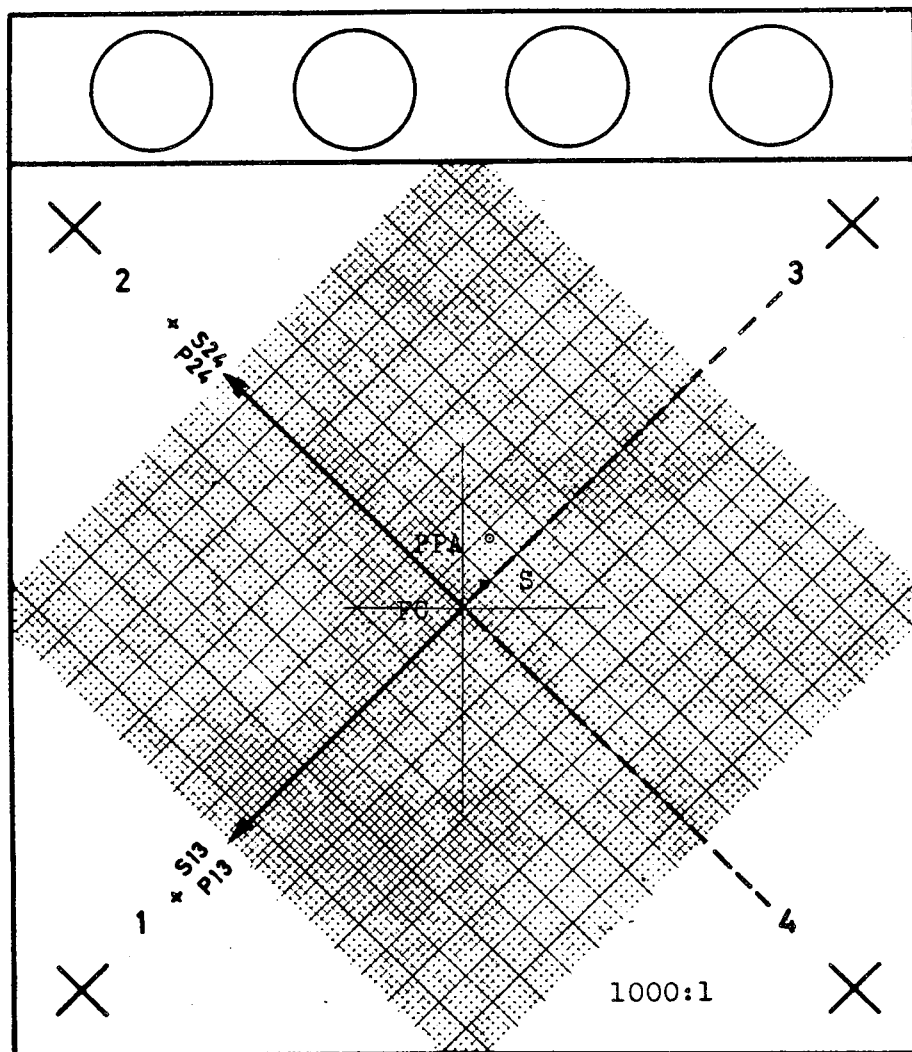
S13 = -4 μ ; S24 = 0 μ

Principal Point of Autocollimation (PPA):

P13 = -9 μ ; P24 = +4 μ

(Calibration without filter)

(Seen on Focal Plane Frame)



Distances between Fiducial Marks in mm :

1 - 2 = 212.001

1 - 3 = 299.812

2 - 3 = 212.010

2 - 4 = 299.815

3 - 4 = 211.993

4 - 1 = 212.001

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*Gam.*