



CALIBRATION NO :- HSC/15 UAg I 6056/2

DATE OF CALIBRATION :- 4.2.82

CAMERA CALIBRATION CERTIFICATE

WILD LENS CONE

NO. 15UAg I 6056

TYPE: WILD UNIVERSAL AVIOGON (RC10)

CALIBRATION No. HSC/15 UAg I 6056/2

DATE OF CALIBRATION 4.2.82

LENS TYPE: WILD UNIVERSAL AVIOGON I (RC10)

Serial No.: 15 UAg I 6056

FILTER TYPE: NONE FITTED

Serial No.: -

ORIGIN OF MEASUREMENTS O: The point of Symmetry

SIGN CONVENTION : Distortion is positive if away from origin

CALIBRATED AT A TEMPERATURE OF 20°C

CALIBRATION PERFORMED BY: D. PHILPOT

MEASUREMENTS

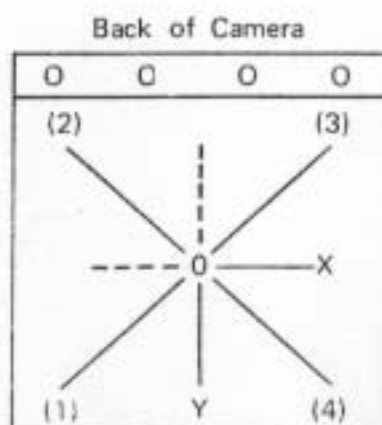
CALIBRATED PRINCIPAL DISTANCE: 151.77 mm

COORDINATES OF POINT OF SYMMETRY

x = 0.000 mm y = -0.001 mm

COORDINATES OF PRINCIPAL POINT OF AUTOCOLLIMATION

x = -0.005 mm y = +0.005 mm



RADIAL DISTORTION IN MILLIMETRES:

Radius (mm)	20	40	60	80	100	120	140
Semi diagonal (1)	-0.001	-0.001	-0.001	0.002	-0.004	0.001	0.012
Semi diagonal (2)	-0.006	-0.004	-0.005	0.003	0.003	0.004	0.009
Semi diagonal (3)	-0.006	-0.007	-0.005	0	0.007	0.010	0.013
Semi diagonal (4)	-0.005	-0.005	-0.002	0	-0.001	0.005	0.008
Mean	-0.005	-0.004	-0.003	0.001	0.001	0.005	0.011

BEFORE CALIBRATION THE OPTICAL UNIT WAS CHECKED AND FOUND TO BE IN A SERVICEABLE CONDITION.

APPROVED BY:



CAMERA CALIBRATION

LENS : 15 UAG I

NO. : 6056

CALIBRATION DATE 4/2/82

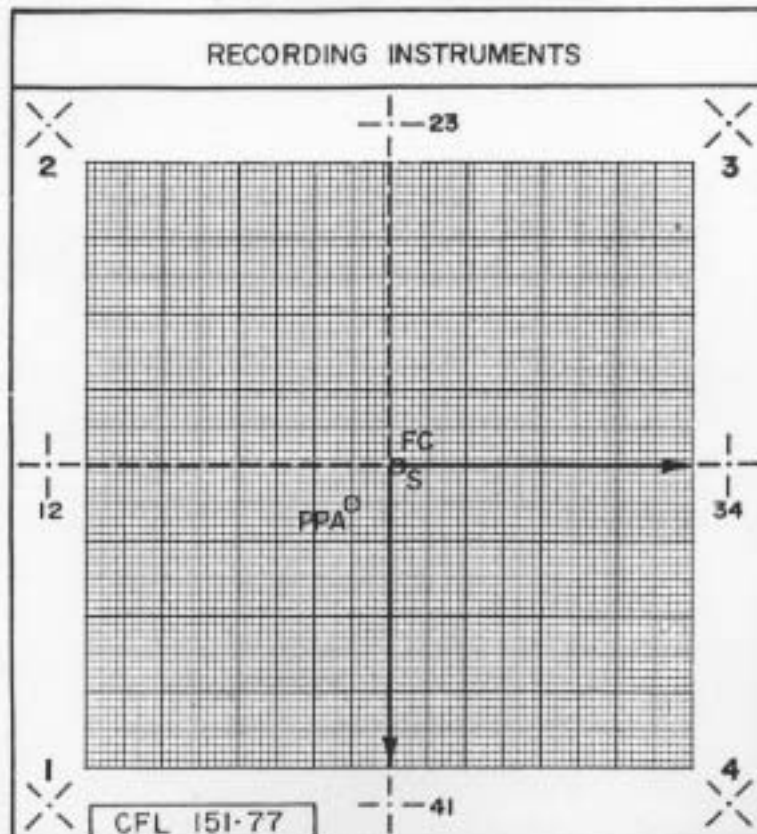
POINT	X MM	Y MM
FC	0.000	0.000
S	0.000	-0.001
PPA	-0.005	+0.005

1 - 2 = 212.008	1 - 3 = 299.823
2 - 3 = 212.004	2 - 4 = 299.810
3 - 4 = 212.004	
4 - 1 = 211.993	

DISTANCES BETWEEN FIDUCIAL MARKS IN MM.
 MEASURED ON 08/07/77

S : POINT OF BEST SYMMETRY
 PPA : PRINCIPAL POINT OF AUTOCOLLIMATION

(SEEN ON IMAGE PLANE FRAME)



SCALE: 1000 : 1

CALIBRATION No. HSC/15 UAg I 6056/2 DATE OF CALIBRATION 4.2.82

RESOLUTION

LENS TYPE: WILD UNIVERSAL AVIOGON I SERIAL No.: 15 UAg I 6056
(RC10)

FOCAL LENGTH: 151.77 mm

APERTURE f5.6

FILM TYPE: AGFAPAN 25 PROFESSIONAL

HIGH CONTRAST TEST CHART

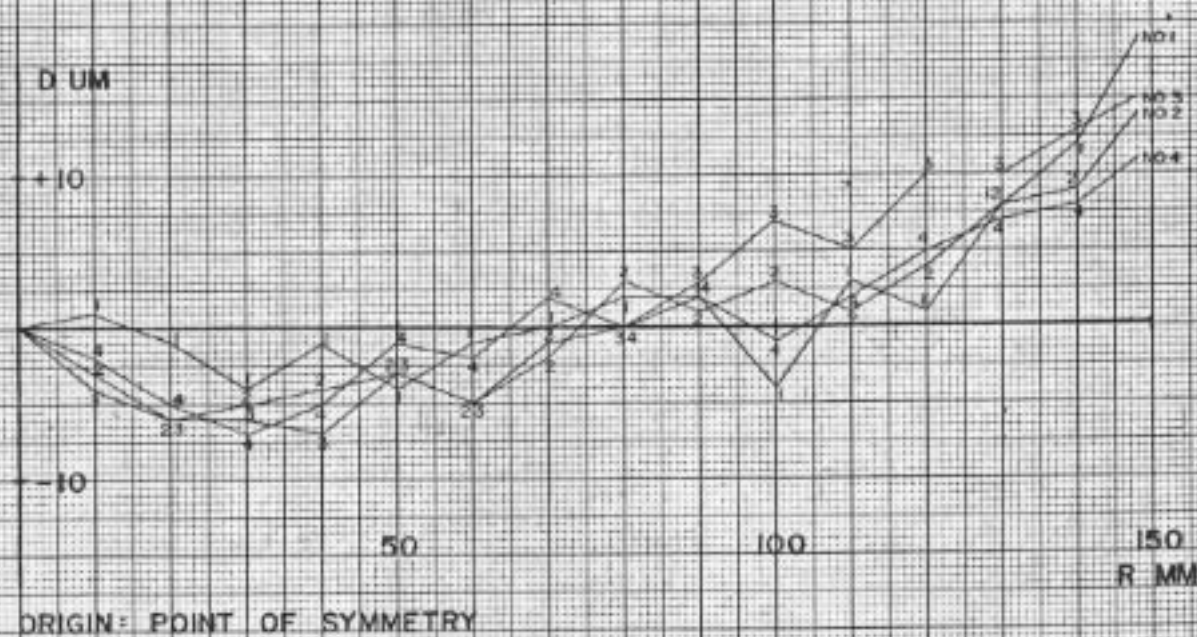
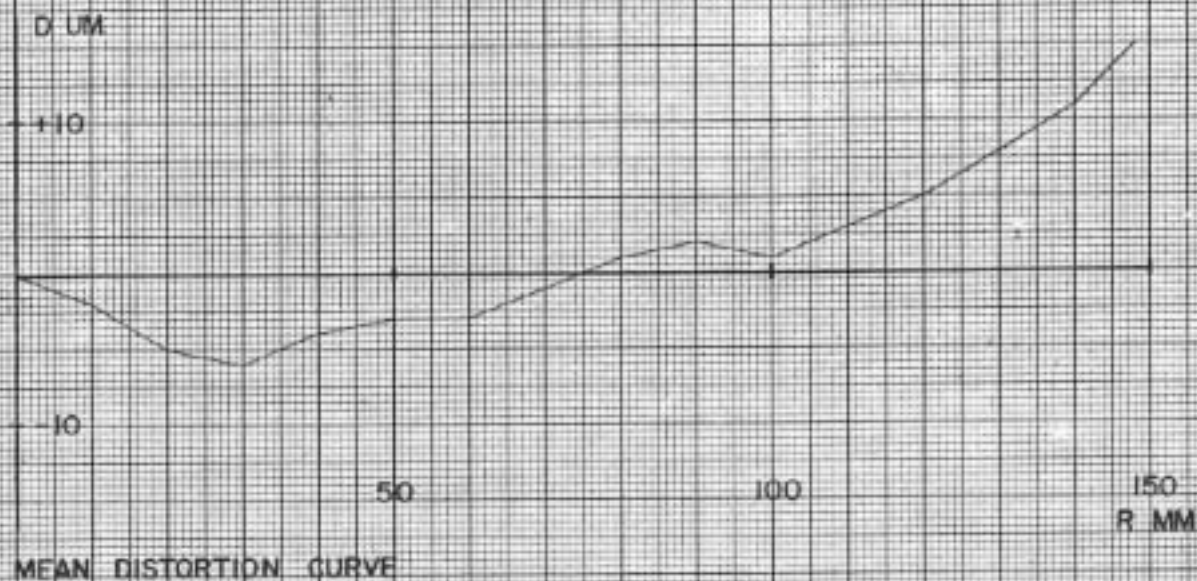
DEGREES OFF AXIS	RESOLUTION	
	Radial	Tangential
0	119	119
5	106	105
10	66	92
15	46	79
20	40	59
25	48	44
30	58	40
35	69	57
40	29	49
45	11	33
50	-	-
55	-	-
60	-	-

Measured by: WILD 8.7. 77

Approved by:

C.F.L. 151.77mm
FILTER ON CAMERA NONE
APERTURE f5,6

15 UAGT 6056



HSC / 15 UAG I 6056 / 2

4/2/82