

CALIBRATION No. HAF/15UAG396/20

DATE OF CALIBRATION 18.5.88

LENS TYPE: WILD UNIVERSAL AVIOGON

Serial No.: 15 UAG 396

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 T PHILPOT

MEASUREMENTS

CALIBRATED PRINCIPAL DISTANCE: 152.267

mm

COORDINATES OF POINT OF SYMMETRY

x = +0.018

y = +0.010

COORDINATES OF PRINCIPAL POINT OF AUTOCOLLIMATION

x = -0.001

y = +0.008

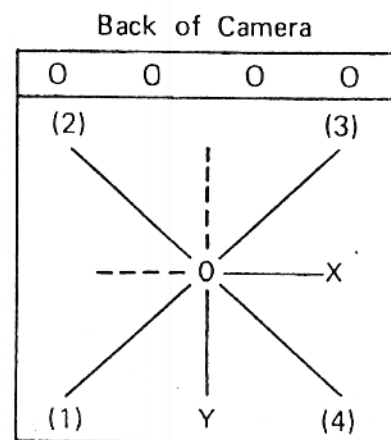
RADIAL DISTORTION IN MILLIMETRES:

Radius (mm)	20	40	60	80	100	120	140
Semi diagonal (1)	+0.008	+0.011	+0.007	+0.000	-0.006	-0.011	-0.004
Semi diagonal (2)	+0.007	+0.007	+0.008	+0.003	-0.003	-0.009	-0.001
Semi diagonal (3)	+0.004	+0.006	+0.004	-0.001	-0.006	-0.010	+0.005
Semi diagonal (4)	+0.003	+0.005	+0.005	-0.002	-0.005	-0.002	+0.007
Mean	+0.006	+0.008	+0.006	+0.000	-0.005	-0.008	+0.002

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

APPROVED BY:

[Signature]



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RESOLUTION

LENS TYPE: WILD UNIVERSAL AVIOGON

SERIAL No.: 15 UAG 396

FOCAL LENGTH: 152.267 mm


APERTURE f 5.6

FILM TYPE: AGFA IP 15 BLANK

HIGH CONTRAST TEST CHART

DEGREES OFF AXIS	RESOLUTION	
	Radial	Tangential
0	53	53
5	53	53
10	52	51
15	51	49
20	55	47
25	43	44
30	51	44
35	49	40
40	29	35
45	8	19
50		
55		
60		

Measured by: WILD 6-5-68

Approved by: 



CAMERA CALIBRATION

LENS : 15 UAG

NO.: 396

CALIBRATION DATE 18-05-88

FIDUCIAL COORDS

POINT	X MM	Y MM
FC	0.000	0.000
S	+0.018	+0.010
PPA	-0.001	+0.008

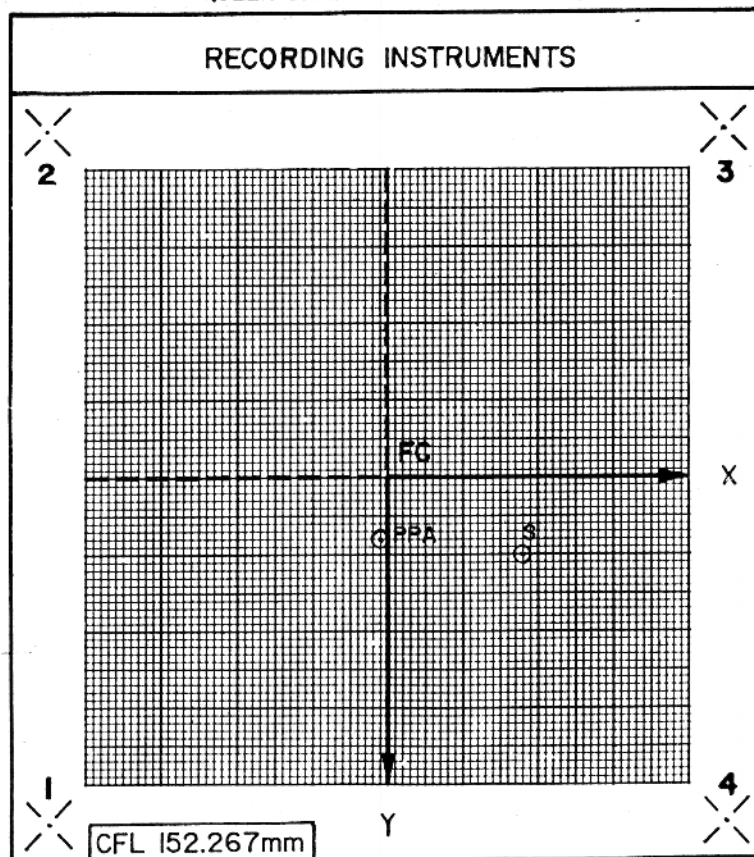
1 -	-105.988	+105.988	1-2 =	211.997
2 -	-105.990	-105.999	2-3 =	211.984
3 -	+105.994	-106.000	3-4 =	212.011
4 -	+105.985	+106.011	4-1 =	211.973
			1-3 =	299.792
			2-4 =	299.803

FIDUCIAL MARKS REFERED TO F.C.

S : POINT OF BEST SYMMETRY

PPA : PRINCIPAL POINT OF AUTOCOLLIMATION

(SEEN ON IMAGE PLANE FRAME)



SCALE: 1000 : 1

C.F.L. 132/267mm

FILTER ON CAMERA NONE

APERTURE 1:5.6

D UM

+10

-10

50

100

150

R MM

MEAN DISTORTION CURVE

D UM

+10

-10

50

100

150

R MM

ORIGIN: POINT OF SYMMETRY