



# Hunting Aerofilms

Aerofilms Ltd. a subsidiary of Hunting Associated p.Lc.

*M.G.*

Gate Studios, Station Road, Boreham Wood,  
Herts WD6 1EJ.

CALIBRATION NO: HAF/ 15UAG I 6056/7

DATE: 16.1.90

## CAMERA CALIBRATION CERTIFICATE

WILD LENS CONE

NO. 15UAG I 6056 (RC10)

TYPE: WILD UNIVERSAL AVIOGON



# Hunting Aerofilms

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CALIBRATION No. HAF/15UAG I 6056/7

DATE OF CALIBRATION 16.1.90

LENS TYPE: WILD UNIVERSAL AVIOGON (RC10)

Serial No.: 15UAG 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 T PHILPOT

MEASUREMENTS

CALIBRATED PRINCIPAL DISTANCE: 151.766 mm

COORDINATES OF POINT OF SYMMETRY

x = -0.002                      y = +0.012

COORDINATES OF PRINCIPAL POINT OF AUTOCOLLIMATION

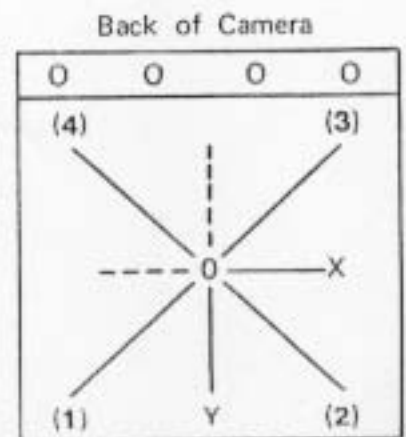
x = +0.011                      y = +0.001

RADIAL DISTORTION IN MILLIMETRES:

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

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

 **Hunting**  
**AEROPTICS**  
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# CAMERA CALIBRATION



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LENS : 15UAG I

NO.: 6056

CALIBRATION DATE 16.1.90

### FIDUCIAL COORDS

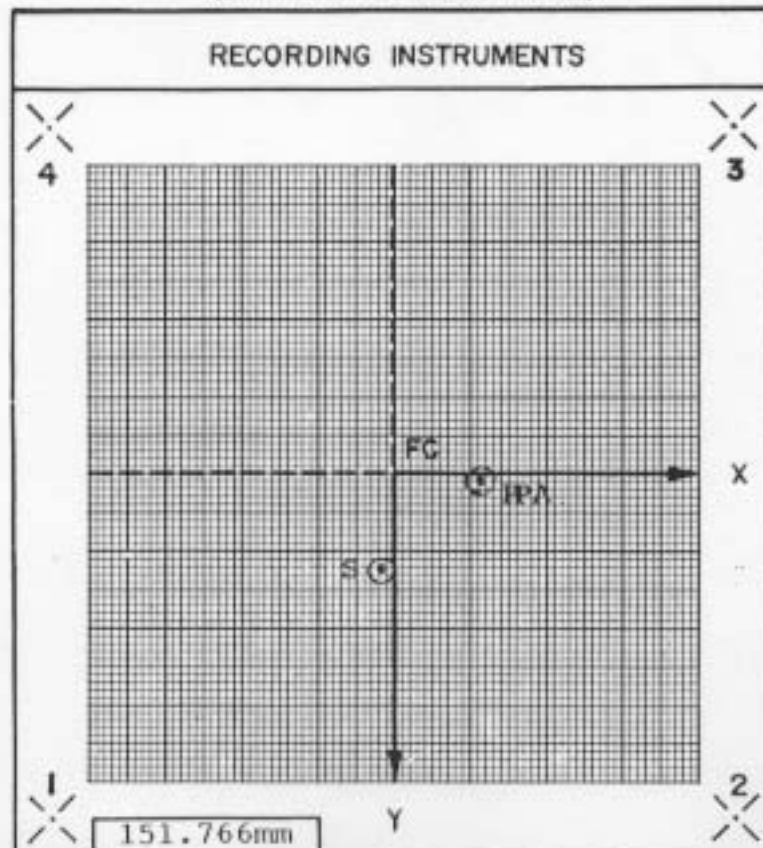
POINT	X MM	Y MM	
FC	0.000	0.000	
S	-0.002	+0.012	
PPA	+0.011	+0.001	
1 =	-106.002	+106.001	1-2 = 211.994
2 =	+105.992	+105.999	2-3 = 212.004
3 =	+106.003	-106.004	3-4 = 211.995
4 =	-105.992	-105.995	4-1 = 211.996
			1-3 = 299.821
			2-4 = 299.797

FIDUCIAL MARKS REFERED TO F.C.

S : POINT OF BEST SYMMETRY

PPA: PRINCIPAL POINT OF AUTOCOLLIMATION

(SEEN ON IMAGE PLANE FRAME)



CALIBRATION No. HAF/15UAG I 6056/7      DATE OF CALIBRATION 16.1.90

RESOLUTION

RC10  
LENS TYPE: WILD UNIVERSAL AVIOGON      SERIAL No.: 15UAG I 6056

FOCAL LENGTH: 151.766mm

APERTURE      f5.6

FILM TYPE:      AGFAPAN 25 PROFESSIONAL

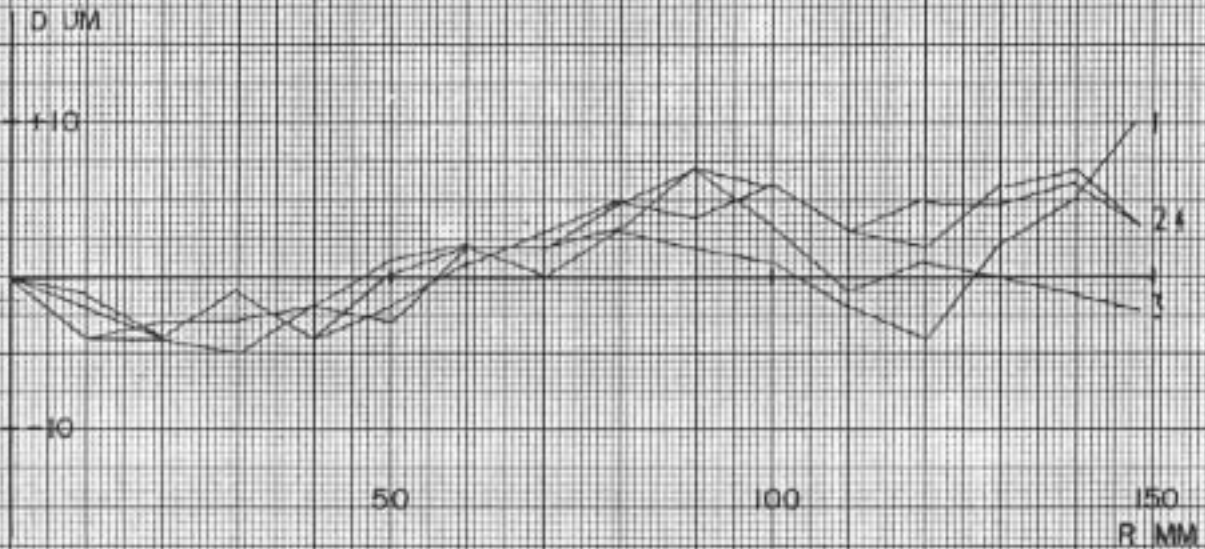
HIGH CONTRAST TEST CHART

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		

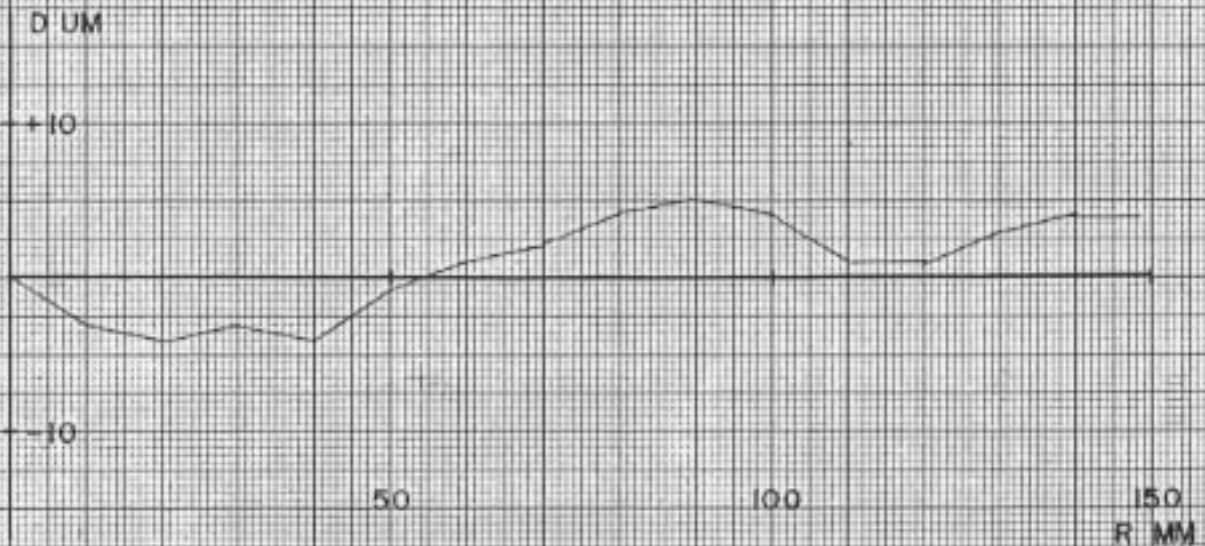


Measured by: WILD 8.7.77.      Approved by:

C.F.L. 151.766mm  
FILTER ON CAMERA NONE FITTED  
APERTURE f5.6



MEAN DISTORTION CURVE



ORIGIN: POINT OF SYMMETRY

HAF/15UAG 1 6056/7  
16.1.90



A handwritten signature in cursive script, appearing to read 'D. A. Phillips'.

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