

LENS Ross No 213169

CAMERA Williamson O.S.C. No. 174.  
R. C. A. F.

N.R.C. - P.M. 1264.

Date 15 Feb. 1950.

Calibrated principal distance 152.65 mm = 6.010"  
Average distortion error 0.03 mm  
Max. zonal distortion error 0.06 mm

Level vials adjusted adjusted

Photo. plates supplied

Fiducial mark spacing  
Parallel to inst. panel or fiducial arrow 222.25 mm = 8.750"  
Normal " " 222.25 mm = 8.750"

Altimeter

REMARKS

Focus—Maximum average resolution

An initial test was made in which the lens was dismantled and checked by the Optics Section of this Division. Mechanical fitting was found to be satisfactorily close. Retainers were set tightly.

Alterations

None

P.P. relation to fiducial axes intersection

adj. for coincidence.

Fiducial axes angle of intersection

Right angle  $\pm 2'$

Focal plane plate—Prismatic effect

An arrow to indicate direction of flight was etched on the focal plane plate.

Filter "

Lens "

Negligible

Focal plane plate—Optically flat

Filter "

Shutter speed test at full aperture

Nominal

Total

Effective