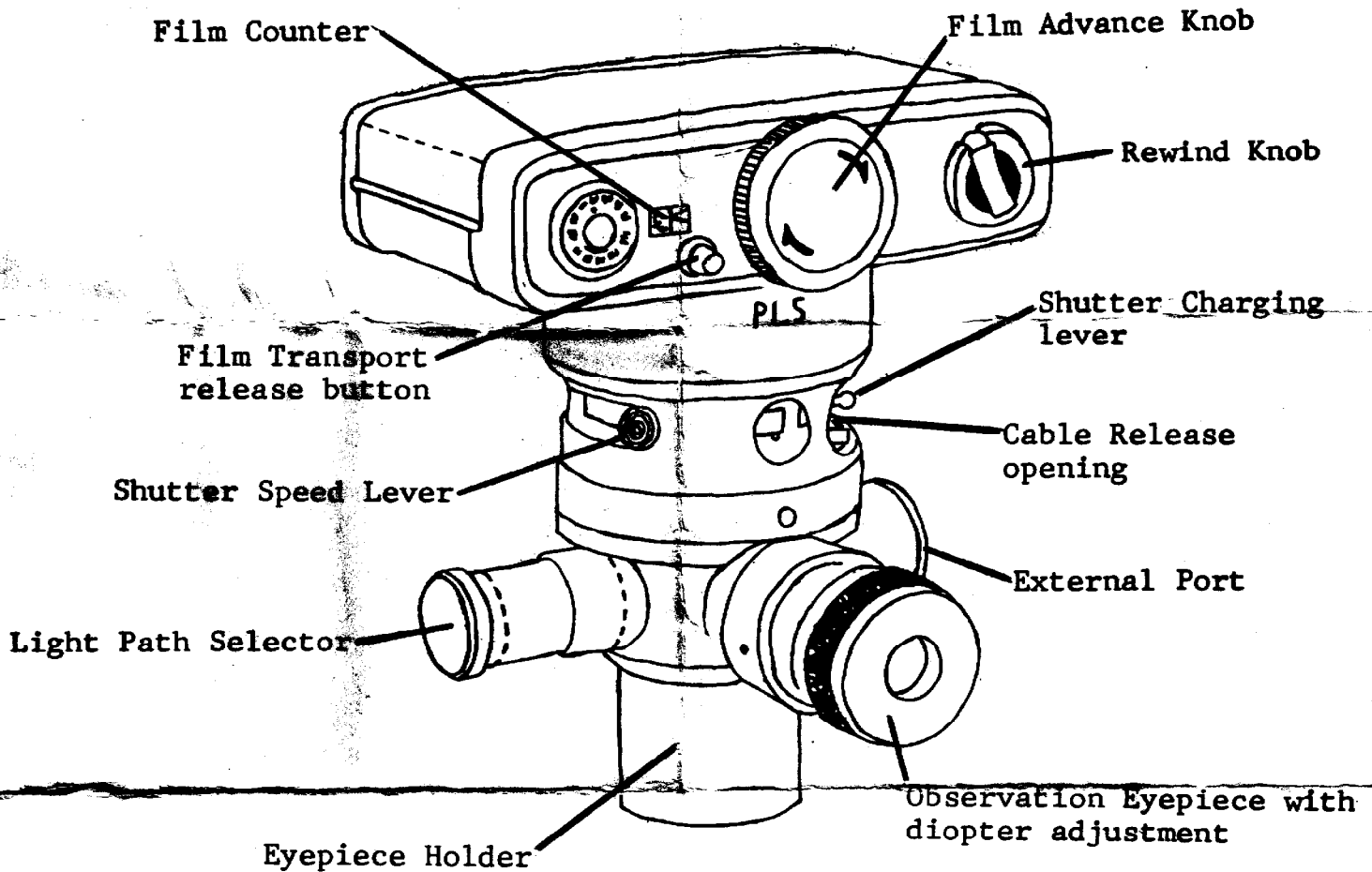


## OPERATION OF THE PLS CAMERA



1. Unscrew the eyepiece holder from the PLS main body and insert the projection eyepiece.
2. Screw the cable release into the opening in the shutter on the main body.
3. To load film, open the rear of the camera body by pulling down on the lock on the side opposite the hinge. Lift the rewind crank and pull up the knob to which it is attached until it comes to the first stop. Pulling it up a little further will release the camera back automatically.
4. Make sure when loading the film that the take-up sprocket engages the perforations in the film.
5. Close the rear cover firmly and rotate the advance knob until the film counter shows the number 1. Push the film transport release button to advance the film one frame.
6. Insert the camera into the focusing tube of the telescope.

7. The light path selector plunger has three positions: V (white letter and ring), CV (green letter and ring) and E (yellow letter and ring).

V: When the knob is inserted most deeply up to the white line marked on the knob, 100% of the light is diverted to the observation eyepiece. This position is used for focusing and framing.

CV: When the knob is inserted up to the green line, midway stroke: 20% of the light is diverted to the observation eyepiece and 80% is transmitted to the film. This position is used for photography.

E: When the knob is pulled up to the yellow line, all the light is passed to the external port where a light measuring attachment may be placed.

8. With the light path selector in the V position and the subject in the camera field, turn the knurled diopter adjustment until the converging lines in the observation eyepiece are distinctly observed in parallel.

9. Carefully focus the telescope. When both the telescope field and the reticle in the observation eyepiece are sharply focused, move the light path selector to the CV position. The camera is ready.

10. Select the shutter speed and push the shutter-charging lever to wind the shutter. Avoid changing shutter speeds after winding the shutter since this could damage the mechanism.

11. To rewind the film, press the rewind button at the bottom of the camera. Turn the rewind crank in the direction of the arrow. After the entire roll of film is rewound, open the camera back. Pull out the rewind knob and the film cassette is released.

System EFL = Telescope Focal Length x Camera Magnification

Projection Eyepiece	Focal Length	Camera Magnification
P5	50mm	2
P7	36mm	2.8
P10	25mm	4
P15	16.5mm	6
K20	12.5mm	8

⑥