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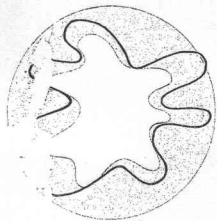
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SUPER SPEED AND SUPER GRAPHIC CAMERAS



SUPER GRAPHIC AND SUPER SPEED GRAPHIC MANUAL

The Super Graphic and Super Speed Graphic, today's most modern 4 x 5 cameras, boast many new features in addition to those now found in Graflex-made press cameras. The following pages will review basic operation, but even more important, they will explain as fully as possible the purpose and use of the new features.

To "get the most for your money," be sure you study the instructions thoroughly. A fine camera, like any piece of precision equipment, cannot be operated at its best unless its advantages are understood.

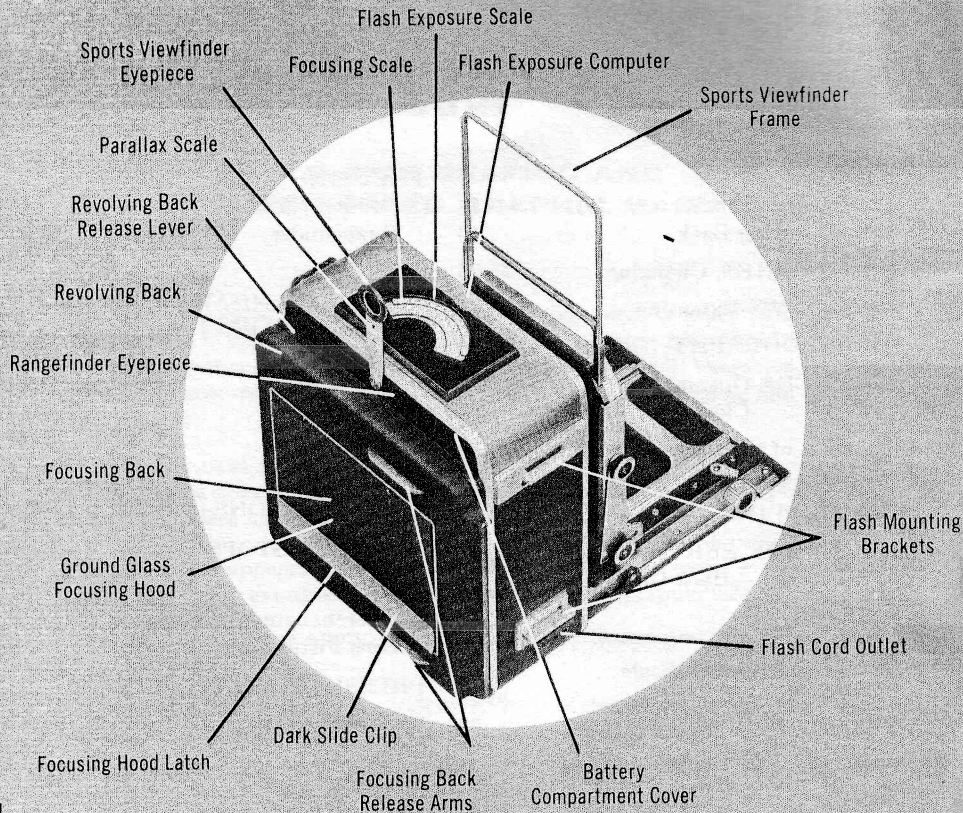
A bibliography appears on page 30 for those wishing to make a more thorough study of lighting, exposure, and other areas of photographic information.

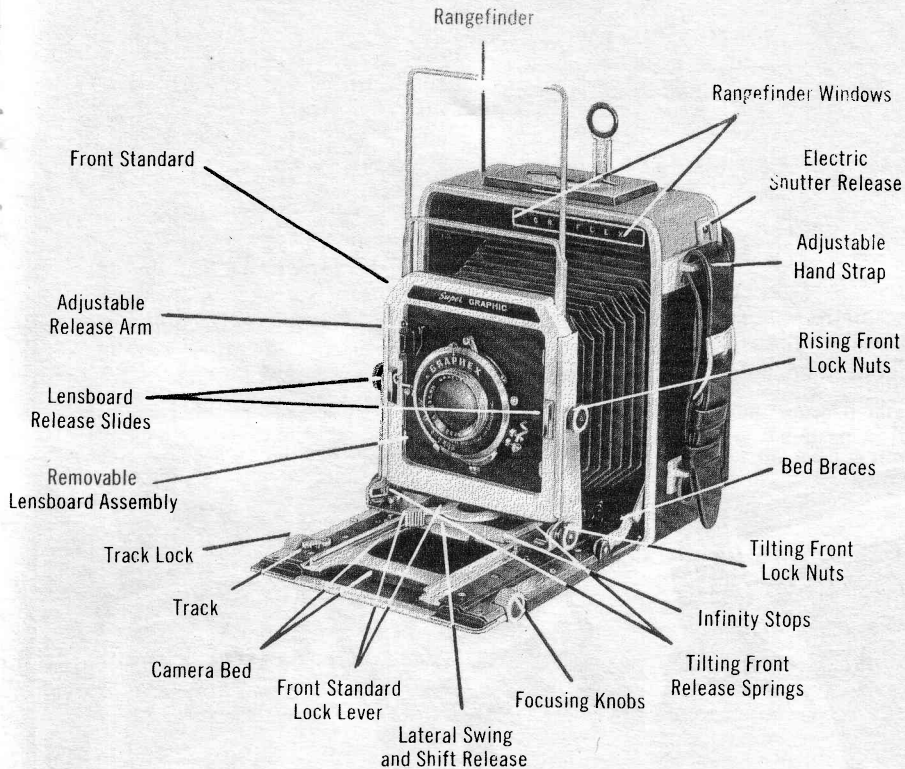
Note: All instructions apply to both the Super Speed and the Super Graphic Cameras.

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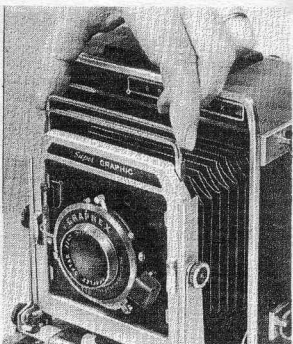
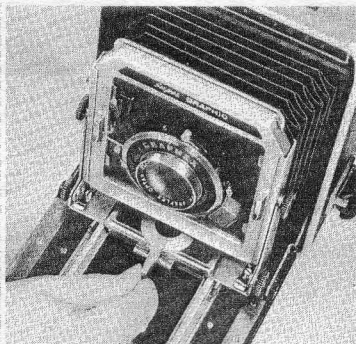


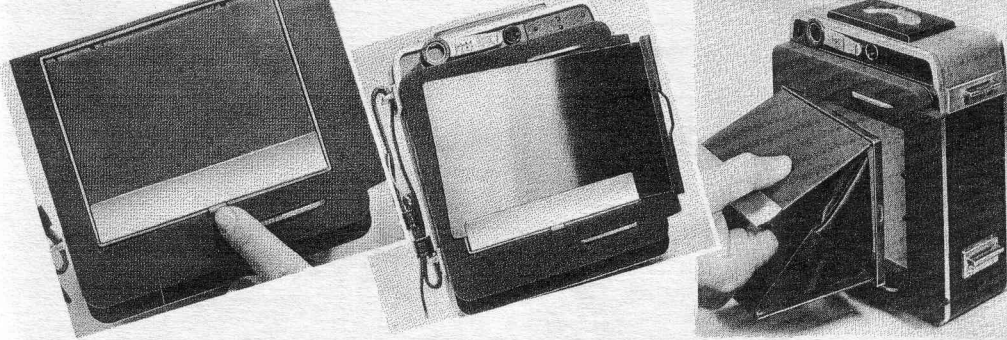


ENING THE CAMERA

Roll up either or both of the knurled *focusing knobs* on the face of the *bed*.

2. Pull down the *bed* until it locks in a horizontal position.
3. Rack the track back to its stop, swing the *front standard lock lever* out straight and pull outward on the track to the *infinity stops*; these *stops* are hinged and should be in an upright position. Fold the infinity stops
4. Be sure to relock the *front standard*.
5. Lift the *sports viewfinder frame* by pinching inward against the side of the coiled wire frame and pulling upward as far as possible. Swing the *sports viewfinder eyepiece* to an upright position and adjust parallax for 6', 8', and 15', or infinity.

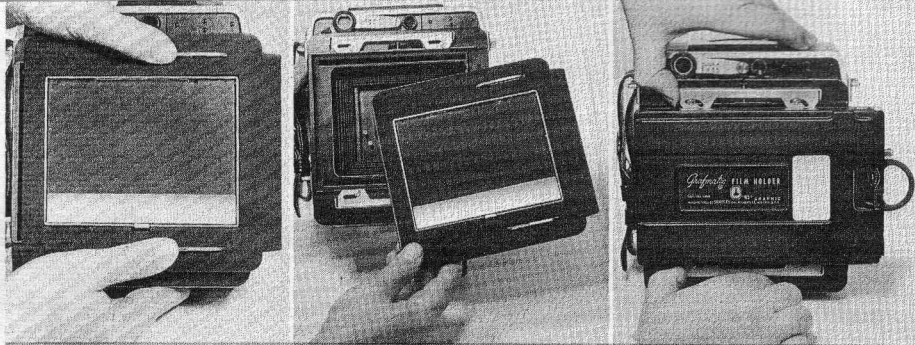




GROUND GLASS FOCUSING

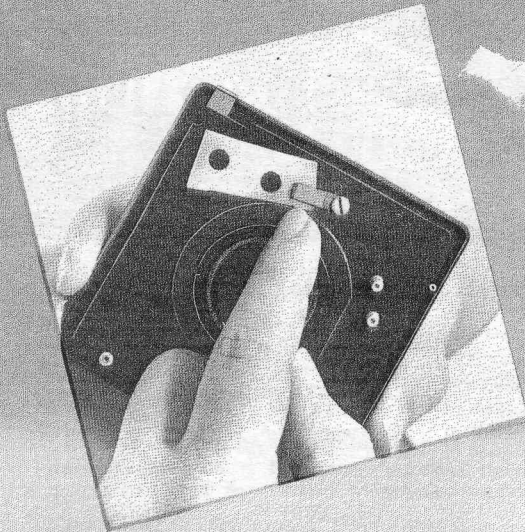
Ground glass focusing is recommended for all critical photography, since it allows checking sharpness of focus, depth of field, composition and shape of the image as it is to be recorded on the film. The ground glass must be used whenever the front is tilted, shifted or swung from the normal position. The *focusing back* of the Super Graphic Camera has an Ektalite field lens under the ground glass for a brighter image.

1. Press down the latch to open the *focusing hood*.
2. To close the hood, first swing the bottom panel upward, and then the top downward until it latches.
3. To remove the focusing hood (*allowing the use of a magnifying glass over the entire ground glass area*), open the hood and pull outward on the top or bottom panel.
4. To reattach the hood, close it and press into the recess, making sure that the catches on both sides engage.
5. The dark slide clip extends all the way across the lower edge of the hood.



FOCUSING BACK

1. To remove the *focusing back*, press inward on the knurled edges of both *focusing back release arms*. —Slide across camera about $\frac{1}{4}$ " and lift off. Accessories such as the Graphic Roll Holders, Graphic Polaroid Back, etc., can now be attached and held in place by the *slide locks*.
2. Release the *slide locks* by pressing to the left. By pressing the slide locks firmly to the right, any attachment can be held solidly in position.
3. To reattach the focusing back, release the slide locks. Place the back approximately in the normal position and slide it $\frac{1}{4}$ " to engage the release arms, and it will snap into place.



INFINITY STOPS

A set of *infinity stops* must be located to match the focal length of each lens used on the camera.

NOTE: Because of the variations between lenses and the precision curve of the interchangeable matching cams of the rangefinder, true focus for infinity and other distances can best be established only by being able to rack forward for *all distances*.

LENS FITTING SERVICES

Lens and shutter combinations can be mounted on Super Graphic lensboard assemblies by your local Service Dealer, or Graflex Service Center. We recommend that all lenses be measured optically for exact focal length, so that a matching *rangefinder cam* can be supplied with each lens. Be sure to identify and record each lens, matching cam, and set of infinity stops for future reference.



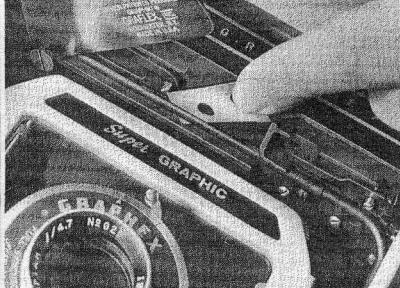
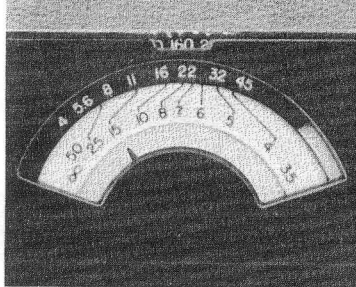
RANGEFINDER

OF THE SUPER GRAPHIC

TO USE: 1. Open camera as directed on page 6.

2. Set the front standard against the infinity stops. Look into the rangefinder eyepiece and rack the track forward until the image of your subject as seen in the center of the field exactly coincides with the larger stationary image.

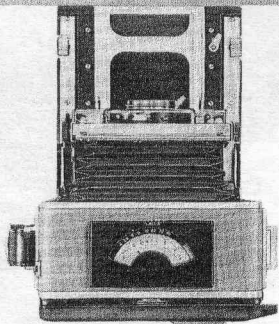
The rangefinder is an integral part of the camera body and functions with interchangeable cams, each made to match a specific lens. With the proper cam in position, the rangefinder and focusing scale pointer will indicate true focus of the lens (unless the front standard adjustment, pages 20-26, are used). Cams for the Graphic Rangefinder on the Pacemaker Graphic "45" cameras *cannot* be used in the rangefinder of the Super Graphic or vice versa.



TO CHANGE THE RANGEFINDER CAM:

1. Open the camera, but *do not* pull the front standard forward.
2. Rack the track forward about 2".
3. Swing forward the pivoted metal cover from under the rangefinder.
4. To remove the cam, pull the free end forward and out.
5. To fit cam into the rangefinder, hold it with the long, smooth edge facing the front of the camera. Slide the narrower end of the cam into the slot of the tube and under the rangefinder follower arm. Compression of the spring in the tube will hold the **cam** in place against the plunger. If the slot appears to be filled (by a plunger moving in from the right as seen in the picture), slide the point of the cam between the cap on the spring and the plunger. Push the plunger over, or tip the camera upright and tap lightly. This will open a space for insertion of the cam.
6. Close the metal cover; rack the track back as far as it will go; pull the front standard out to the infinity stops for which this rangefinder cam has just been inserted. The Super Graphic Rangefinder and focusing scale pointer will operate in synchronization with the focusing of the lens.
7. The Super Graphic Rangefinder will synchronize with all properly fitted lenses from wide angle to long focus telephoto, providing the matching cam is used in each instance.

SCALE FOCUSING

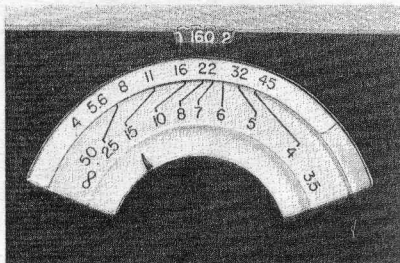


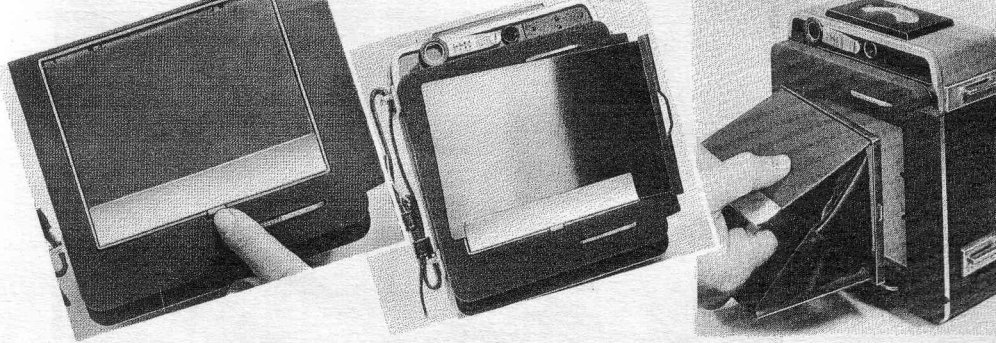
The *focusing scale pointer* on the top of the Super Graphic is controlled by the rangefinder cam. No setting or other adjustment is necessary once the correct cam has been inserted into the rangefinder. See page 14. *Be sure to use the proper set of infinity stops.*

FLASH EXPOSURE COMPUTOR

The adjustable *flash exposure scale* combined with the *focusing scale* on the top of the camera automatically indicates the correct diaphragm opening for normal exposures.

1. From your own experience or data supplied with the film and/or flash being used, select the guide number to produce the type of exposure you prefer.
2. Center this number in the front opening of the plate on top of the camera.
3. Focus the camera with the rangefinder or ground glass. The *focusing scale pointer* will indicate the distance to the subject and from this figure the index line leads to the correct diaphragm opening.

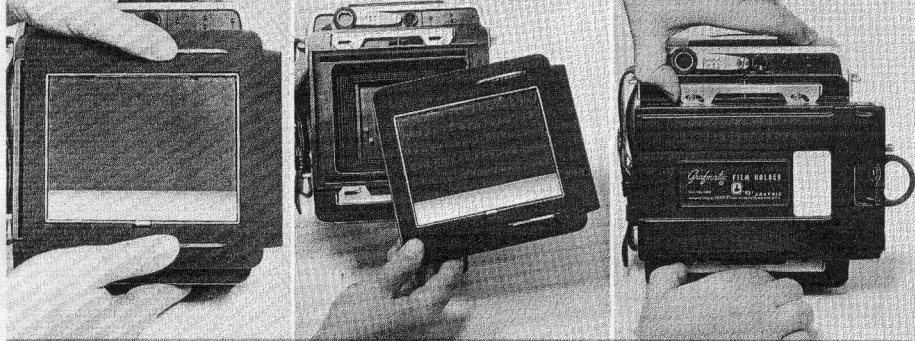




GROUND GLASS FOCUSING

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2. Release the *slide locks* by pressing to the left. By pressing the slide locks firmly to the right, any attachment can be held solidly in position.
3. To reattach the focusing back, release the slide locks. Place the back approximately in the normal position and slide it $\frac{1}{4}$ " to engage the release arms, and it will snap into place.

REVOLVING BACK

The *revolving back* allows vertical and horizontal pictures to be made without readjustment of the camera or lens. The back rotates full circle and remains light-tight in any position for both right hand and left hand operation.

1. To revolve the back, press the release at the top left corner of the camera body and turn the back. The release will automatically catch when the back is in the horizontal or vertical position.

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