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INSTRUCTION BOOKLET FOR

YASHICA

44

Printed in Japan

Description of YASHICA

44

THIS IS YOUR YASHICA-44

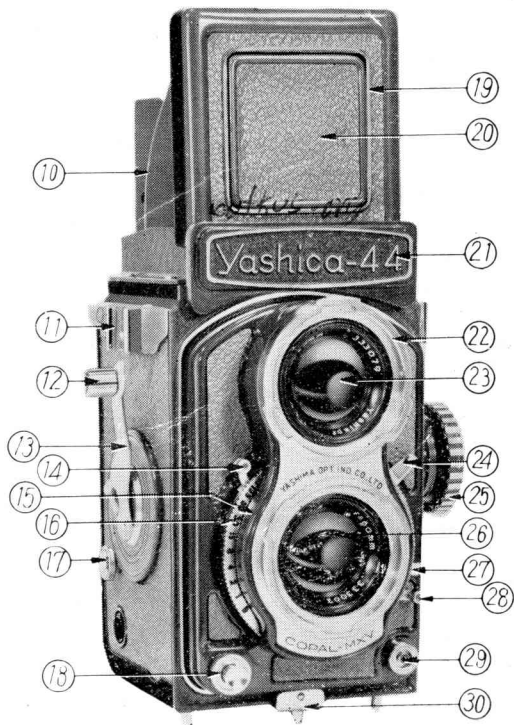
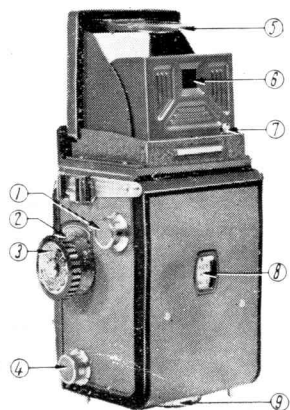
A precision instrument capable of bringing you some of the finest photographs you've ever taken.

Please read the following pages carefully. Follow the easy, step-by-step instructions.

1. Upper Film Spool Locking Spring
2. Depth-of-Field Scale
3. Film Speed Dial
4. Lower Film Spool Locking Spring
5. Magnifying Glass
6. Sports Finder Window
7. Focusing Hood Release Button
8. Red Window
9. Tripod Socket
10. Focusing Hood
11. Strap Holder
12. Crank
13. Film Counter Window
14. Double-tension Shutter Cocking Lever
15. Aperture Reading Window
16. Shutter Speed Control Scale
17. Indicator Release Button
18. Shutter Release Button
19. View Finder
20. Focusing Hood Cover
21. Name Plate
22. Bayonet Mount
23. View-finder Lens

Read the following description carefully until you become fully familiar with all these working parts.

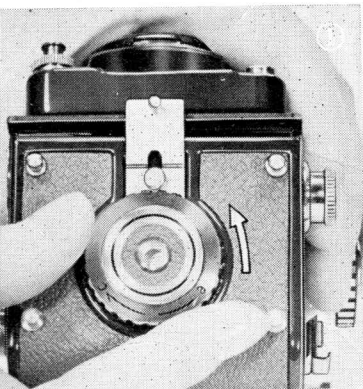
- 24. Synchronization Selector
- 25. Focusing Knob
- 26. Picture-taking Lens
- 27. Lens Opening Control Lever
- 28. Self-timer Lever
- 29. Flash Synchronization Terminal
- 30. Back Cover Locking Lever



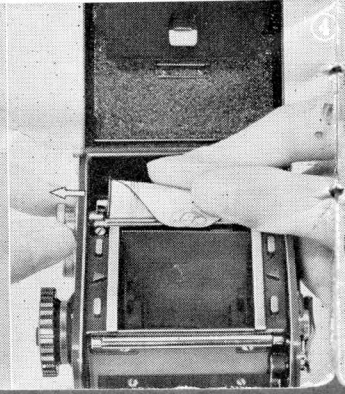
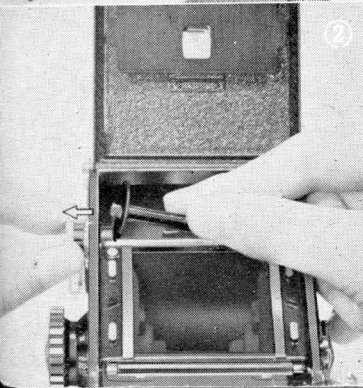
LOADING FILM

127 size film
12 pictures per roll

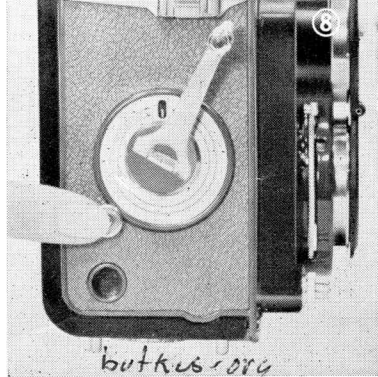
in the new $1\frac{5}{8}'' \times 1\frac{5}{8}''$ size
Black-and-White or Color



- (1) To unlock back cover, turn the tripod socket in the direction marked '0'. Then open the Back Cover by swinging it out.
- (2) Remove the Take-Up Spool in the Upper Film Chamber by pulling out the Upper Film Spool Locking Spring.
- (3) Place the Take-Up Spool in the Lower Film Chamber by pulling out the Lower Film Spool Locking Spring.
- (4) Place a new roll of size 127 film in the Upper Film Chamber.

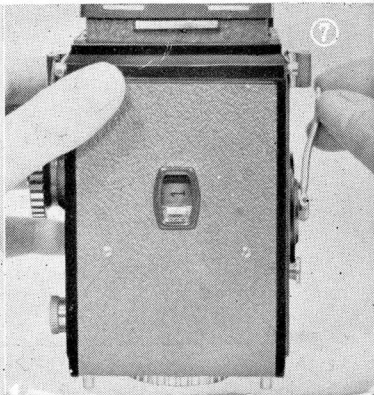
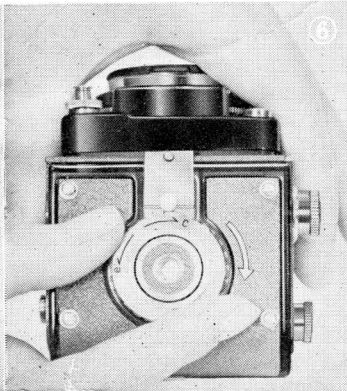
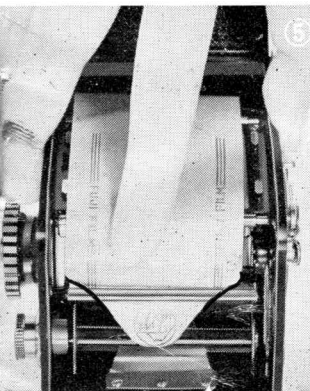


- (5) Gently draw out the film leader. Pass the film leader *over* the roller-bar in the Lower Film Chamber and then thread it into the slot of the Take-Up Spool. The roller-bar prevents the film from curling and consequently the film will be even and flat in the camera, thus assuring clearer pictures.
- (6) Close the camera back cover and lock it by turning the Tripod-Socket in the direction marked 'C'.
- (7) Advance the film by winding the Crank back and forth until the figure 1 appears in the Red Window of the Back Cover.
- (8) Press the Indicator Release Button and the figure 1 will appear in the Film Counter Window. The film is now ready for the first exposure.



UNLOADING FILM

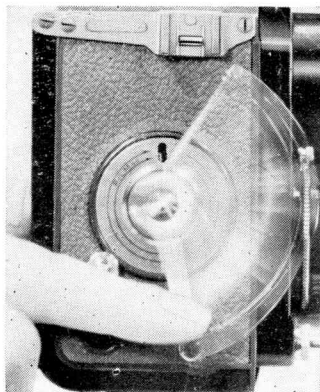
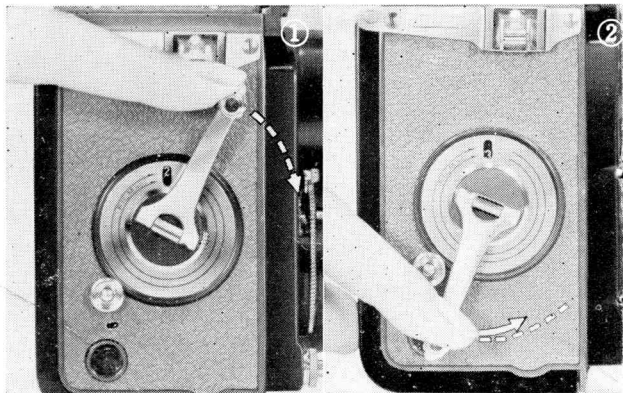
See 12 page
(Same Title)



CRANK OPERATION

Note :

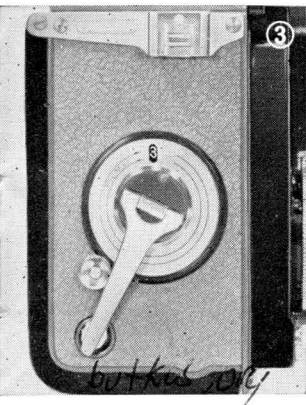
The Yashica-44 transport employs a fine, precision mechanism constructed to provide years of trouble-free performance. Like any fine instrument it should be treated with care and respect.



Observe the following :

- a. Operate the film transport crank gently. It is important that the clockwise, film advancing stroke be completed.
 - b. The crank will automatically swing back to its original position.
 - c. In loading the film, be sure that the paper leader is inserted firmly and evenly so that the film will move smoothly.
- (1) Wind the crank clockwise until it comes to a stop.
 - (2) For subsequent exposures wind the crank and advance the film. Simultaneously, the number of the next film will appear in the Film Counter

Window



- (3) Fit the handle of the crank into the crank rest when you have finished taking pictures

CAUTION:

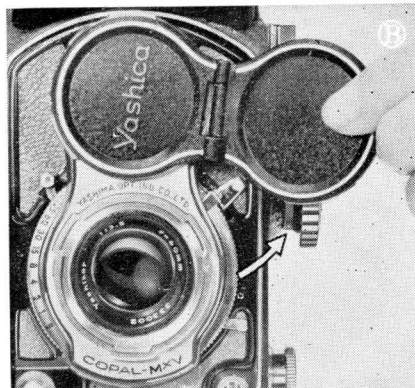
Be careful not to press the Indicator Release Button when the camera is loaded.

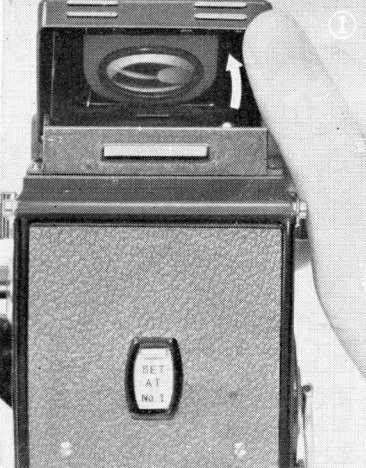
Be certain to turn the crank-lever with a smooth, unbroken motion until it comes to a full stop before release. Otherwise, the crank action will not be completed.



TO REMOVE THE LENS CAP

Raise the lower cap and fold it back on its hinge. Turn the upper cap counter clockwise and remove.

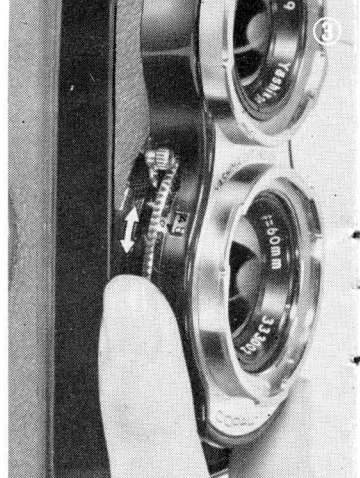




PICTURE TAKING PROCEDURE

(1) Open the Viewfinder Hood by lifting it from the back.

(2) Set the Lens Aperture Control Lever to the desired number, and the number will appear in the Aperture Reading Window.



(3) The desired shutter speed is set by turning the Shutter Speed Ring to the black triangle in front of the Aperture Reading Window.



(4) Push the Shutter Cocking Lever down. Be sure not to change the shutter speed after the Shutter is cocked. After proper sighting and focusing gently release the Shutter by pressing the



SIGHTING AND FOCUSING

Your Yashica-44 is a twin-lens reflex camera. The lower lens takes the picture. The upper lens is for focusing and composing on the ground glass viewing screen.

Rotate the Focusing Knob until your subject on the ground glass screen is sharp. The bright round lens in the center of the ground glass viewing screen enables you to obtain a sharp focus and should be the center of the picture you are composing on the screen. The red lines on the screen help you to judge proportion and proper composition. Compose your subject on the ground glass as you would like to see it in the final picture. The square glass is the key to good photography.



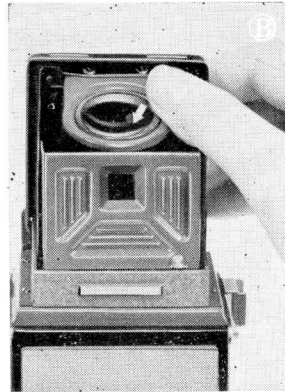
MAGNIFYING GLASS

Assures more accurate focusing

(A) Raise the Magnifying Glass by pressing the front of the Focusing Hood Cover inward, holding the Focusing Hood so that it does not close.

When using the Magnifying Glass, place your eye as close to it as possible.

(B) Always make sure that you have first lowered the Magnifying Glass before closing the Focusing Hood.

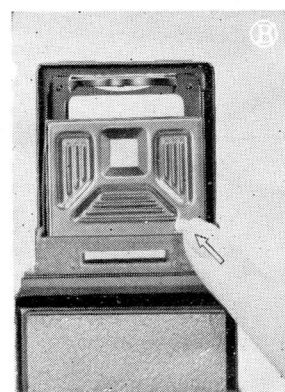
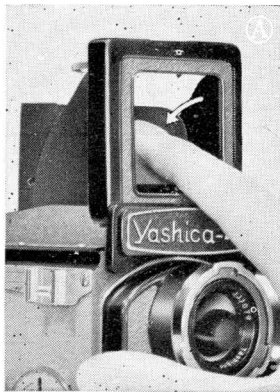


SPORTS FINDER

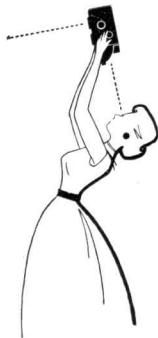
Sight your Subject through the Sports Finder Window.

(A) Depress the Focusing Hood Cover until it clicks into place. Lift the Yashica to eye level.

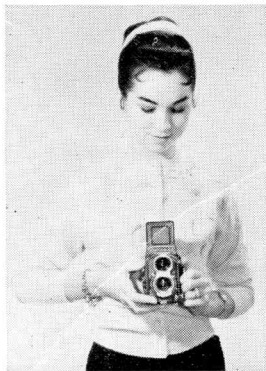
(B) Push the Release Button to close the Hood Cover.
www.orphancameras.com



HOLDING THE CAMERA



When fences or other obstructions are in your way you can raise your Yashica overhead, focusing and viewing from below.



Hold the camera steady, then gently push the Shutter Release Button.



Use the Sports-finder for taking pictures at eye level.



Steady the camera on your knee when taking pictures from a lower level.



For very low objects rest the Yashica on the ground

TAKING FLASH PICTURES

Your Yashica-44 offers M-X synchronization

FLASH PICTURES

Correct exposures for flash pictures will be obtained easily and correctly by consulting the guide numbers printed on the package of flash bulbs.

When taking color flash pictures, you may need filters or you may have to use bulbs appropriate to the type of film (Day-light or Tungsten) you are using.

Your camera dealer will be glad to supply the proper flash attachment for your camera. As you become more proficient at taking pictures, you will want to acquire accessories that increase the versatility of your Yashica-44. One of the first accessories you will want will be a flash unit.

Synchronization for flash is built-in. A standard

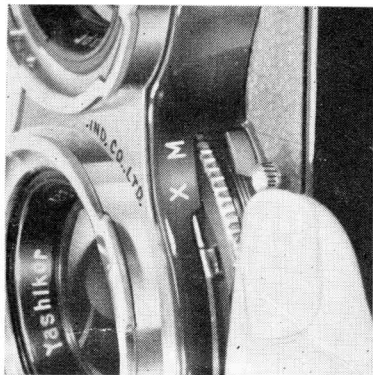
PC connector plugs into the flash terminal. The battery case is attached to the camera with an arm that screws into the tripod socket.

Selector Position	M	X	X
Bulb used	Medium Peak	Short Peak	Medium Peak
Shutter Speed	Any Speed	1/50 or slower	1/25 or slower (When using self-timer)

Do not use Short Peak Bulbs with "M" Synchronization.

Move the selector to X position when using Electronic Flash.

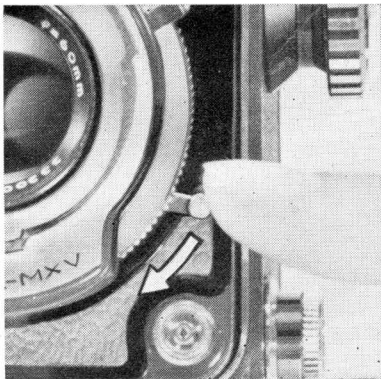
www.orphancameras.com



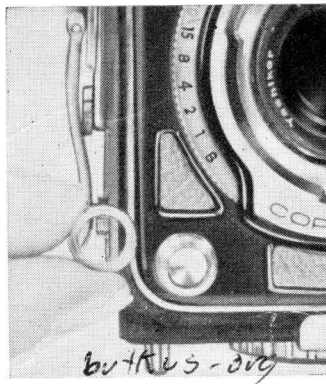
SELF - TIMER

For taking self-portraits or group pictures, you have about 8 seconds to get into the picture yourself. Therefore your camera must be mounted on a tripod or brace to prevent a blurred picture.

Caution ! Be sure to move the synchro-selector to the X position when using the Self-timer.



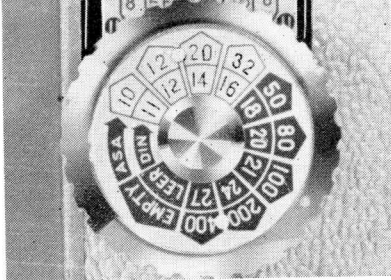
CABLE RELEASE



A standard, overlap-type Cable Release can be fitted to your Yashica. Unscrew the Shutter Release Ring and screw in the Cable Release. Your camera dealer will supply the proper Cable Release for your camera. See picture (above).

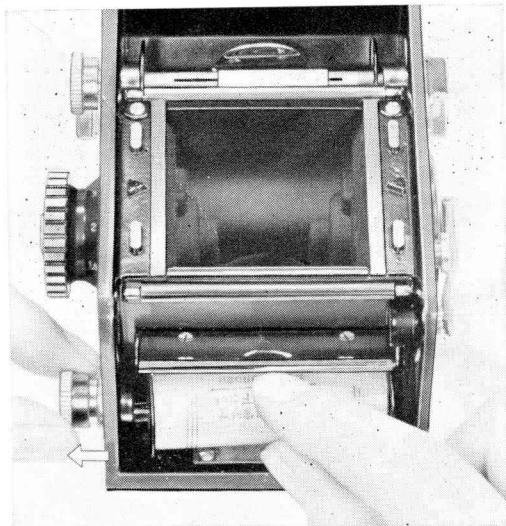
ASA SPEED INDICATOR

The ASA speed dial on the focusing knob is to keep a record of your film speed. Turn dial to your film speed number.



UNLOADING FILM

After all 12 pictures have been taken, wind the Film Transport Crank about 6 times to take up the remaining film. Some times the crank may catch when the film comes to the end of the spool. In that case do not forcefully turn the crank ; just open the camera and remove the film. The tail end of the film may be stuck in the slot of the spool.



In addition to focusing, there are two other basic adjustments on any fine camera: the LENS APERTURE or OPENING and the SHUTTER SPEED.

THE LENS OPENING

The Lens Aperture controls the amount of light that will pass through the lens onto the light sensitive film. Your Yashikor lens offers openings at $f:3.5$ 4 5.6 8 11 16 22 .



f3.5



f4



f5.6



f8



f11



f16



f22

Notice that the lower the number, the larger the opening. $f:3.5$ is the largest opening, $f:22$ the smallest.

To set the lens opening, move the Aperture Control Lever until the desired number appears in the Aperture Reading Window.

SHUTTER SPEED

The shutter speed controls the duration of the exposure. Shutter speeds on your Yashica-44 with its fine Copal Shutter are 1 , $1/2$, $1/4$, $1/8$, $1/15$, $1/30$, $1/60$, $1/125$, $1/250$, $1/500$ th of a second and B. The 'B' setting is for taking pictures with an exposure longer than 1 second. Use a Tripod or Brace when using B. When you press the Shutter Release Button on the 'B' setting the shutter stays open until you release the pressure on the button.

It is advisable to set the shutter speed before you cock the shutter at all times.

Camera may be hand-held for:

Use a Tripod or Brace for:

Average Pictures

Action Pictures

Time Exp.

Slow speeds

$1/30$ $1/60$ $1/125$

$1/250$ $1/500$

'B'

1 sec $1/2$ $1/4$ $1/8$ $1/15$

EXPOSURE

Exposure means finding the right combination of lens-opening (aperture) and shutter speed in relation to the sensitivity (ASA) of your film. (ASA indicates American Standard Association). For example, if you are using a film of ASA 200 (TRI-X type) sensitivity your correct exposure will be according to the following table:

DAYLIGHT EXPOSURE TABLE

Your shutter speed will be 1/125 with the aperture numbers shown below.

	Bright Sun	Hazy Sun	Cloudy-Bright	Cloudy-Dull or Open Shade (4)
Light Subjects (1)	f/32	f/22	f/16	f/11
Average Subjects (2)	f/22	f/16	f/11	f/8
Dark Subjects (3)	f/16	f/11	f/8	f/5.6

- (1) Light Subjects: Distant landscapes, near-by people with sea, beach and snow scenes in the background.
- (2) Average Subjects: Near-by people, houses, gardens, buildings and places not in the shade. Advisable to use this class when light and dark objects are in about equal proportions.
- (3) Dark Subjects: People in dark clothing; trees, flowers, animals and large buildings.
- (4) Open Shade: Subjects shaded from the sun but lighted by a wide area of open sky. The less the open sky the larger the lens opening.

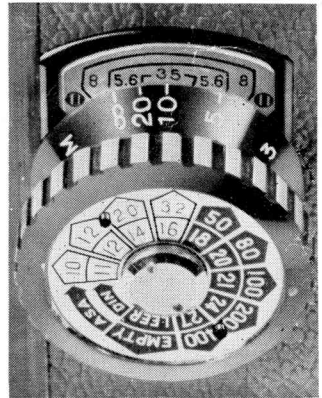
If you are using an ASA 100 film, you will use a larger lens-opening or lower your shutter speed to 1/60. To be absolutely certain, use an exposure meter. Be sure to consult your local camera dealer when in doubt.

DEPTH-OF-FIELD

When you focus the camera on a subject there is a certain distance in front and back of the subject within which other objects will also appear sharp. This is known as the "Depth-of-Field", and it varies with the lens aperture. The smaller the aperture the greater the Depth-of-Field; it is much greater at $f:22$ than at $f:3.5$.

By the focusing knob there is a scale which will indicate the Depth-of-Field when the camera is focused at various distances. You will notice that on either side of the $f:3.5$ figure is a similar set of numbers which represent lens apertures. When the camera is focused on your subject find the aperture you are using on either side of the scale to determine the Depth-of-Field. Thus, if the camera is focused at 10 meters and the lens aperture is $f:3.5$ the Depth-of-Field (area in which all objects are sharp) is from about 8 meters to 20 meters.

By use of this Depth-of-Field scale, your Yashica will also become a fixed-focus camera. In this case set the distance scale to 5 meters and the lens aperture to $f:8$. You will notice on the Depth-of-Field that anything from about 3 meters to 20 meters will be in focus.



F I L T E R S

Your Yashica-44 accepts sunshades and filter adapter rings in convenient Bayonet mounts that readily fasten to the 'taking' lens. A complete range of filters and supplementary lenses are available in the popular Series V size Bay ϕ 30.

Initially, you will find a yellow filter ideal for bringing out clouds in landscape pictures and for general uses. As you become more advanced, you may want to use various filters such as orange, green, etc., for different effects. Your camera dealer will give you complete information.

Notice!

Be sure to replace the Lens Cap when your camera is not in use. Keep your camera away from dust and moisture. To clean the lens surface to remove dust or dirt, always wipe very lightly with clean gauze or lens cleaning cloth. Do not wipe the lens with a dirty handkerchief. Do not leave the camera shutter set when camera is not in use.

REVIEW :

- a. Select your exposure combination
- b. Set the lens opening (aperture)
- c. Wind the crank downward to advance the film
- d. Cock the shutter
- e. Compose (on the ground glass or through the sports finder)
- f. Take the picture
- g. Replace the crank in its rest