

# YASHICA 44



INSTRUCTION BOOKLET

## Description of YASHICA **44A**

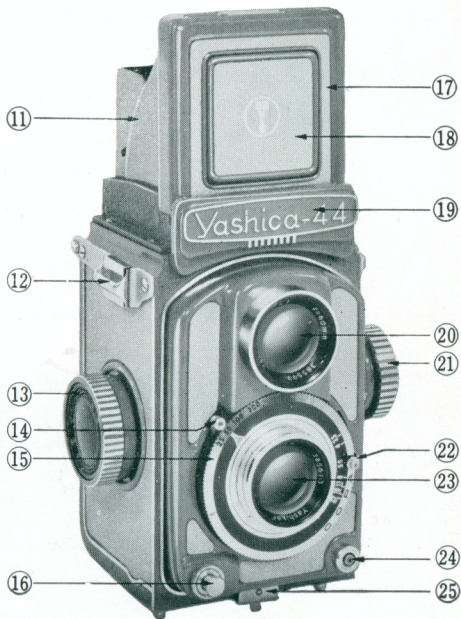
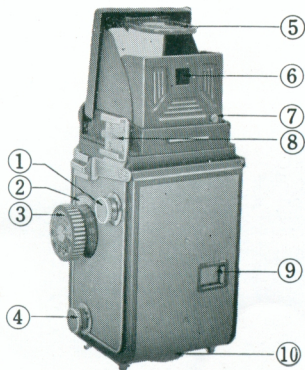
**THIS IS YOUR YASHICA 44A**  
A precision instrument capable of bringing you some of the finest photographs you've ever taken.

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. Accessory Shoe
9. Red Window
10. Tripod Socket
11. Focusing Hood
12. Strap Holder
13. Film Winding Knob
14. Shutter Cocking Lever
15. Shutter Speed Control Scale
16. Shutter Release Button
17. View-finder
18. Focusing Hood Cover
19. Name Plate

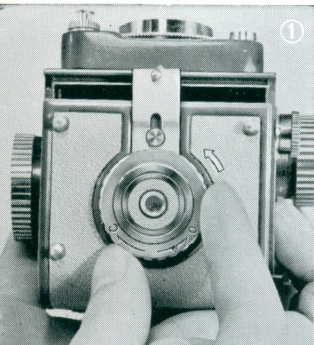
Read the following description carefully until you become fully familiar with all these working parts.

- 20. Viewing Lens
- 21. Focusing Knob
- 22. Lens Opening Control Lever
- 23. Picture Taking Lens
- 24. Flash Synchronization Terminal
- 25. Back Cover Locking Lever

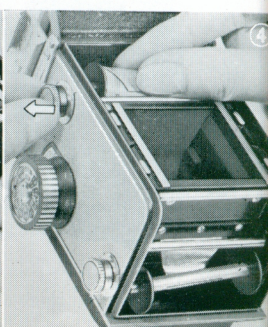
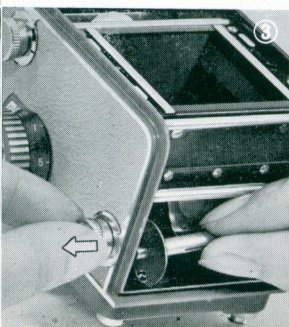
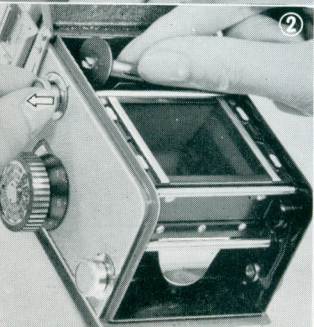


## LOADING FILM

127 size film                      in the new  $1\frac{5}{8}'' \times 1\frac{5}{8}''$  size  
12 pictures per roll      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.



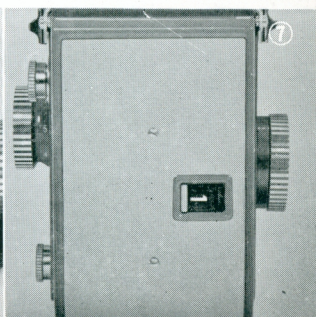
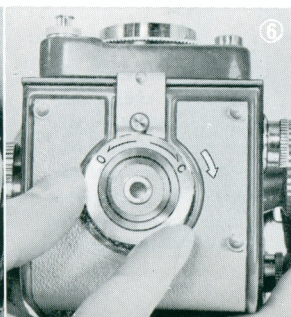
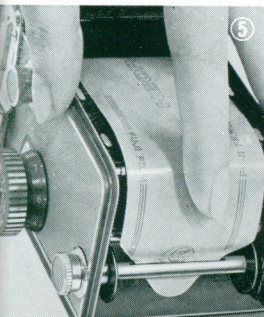


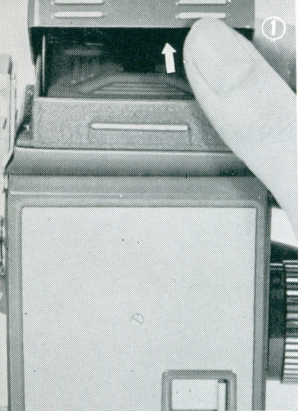
- (5) Gently draw out the film leader. Pass the film leader over the roller-bar in the Lower Film Chamber and then thread it into the slot of the Take-Up Spool. The roller-bar in the Lower Film Chamber prevents the film from curling and consequently the film will be even and flat in the camera, thus 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 knob until the figure '1' appears in the Red Window of the Back Cover.

The film is now ready for the first exposure.

## UNLOADING FILM

See 12 page  
(Same Title)





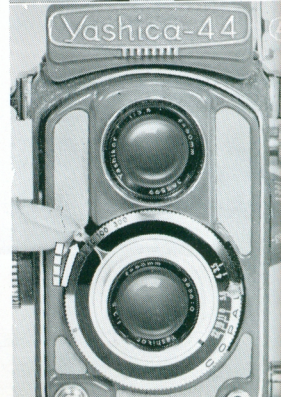
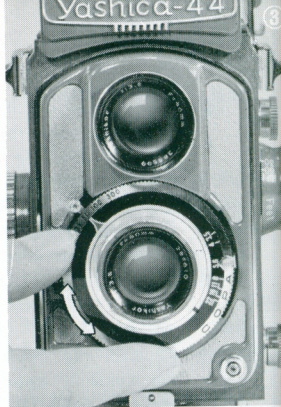
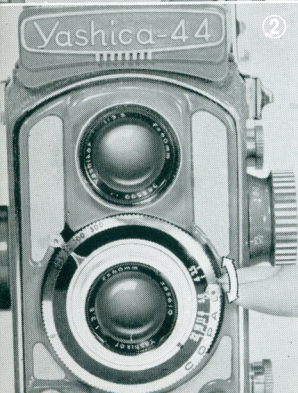
## PICTURE TAKING PROCEDURE

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

(2) Set the Lens Aperture Control Lever to the desired number.

(3) The desired shutter speed is set by turning the Shutter Speed Ring to the red triangle.

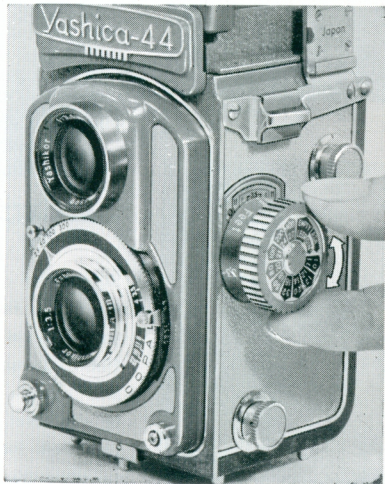
(4) Push the Shutter Cocking Lever down. Be sure not to change the shutter speed after the Shutter is cocked. After proper sighting and focusing gently release the Shutter by pressing the Shutter Release Button.



## SIGHTING AND FOCUSING

Your Yashica 44A 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 gets 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.





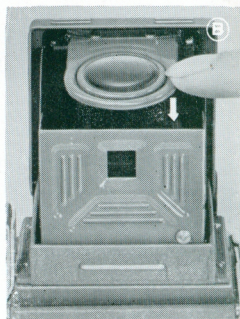


## MAGNIFYING GLASS

*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.

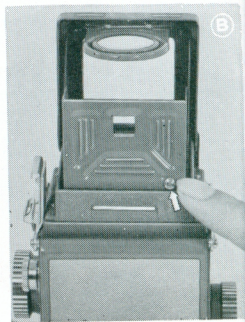


## SPORTS FINDER

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.





## 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

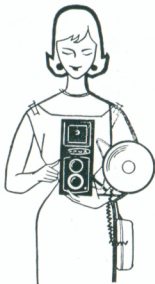
## TAKING FLASH PICTURES

As you become more proficient at taking pictures, you will want to acquire accessories that increase the versatility of your Yashica. One of the first accessories you will want will be a flash unit.

Your Yashica is ready and waiting. Synchronization for flash is built-in. A standard PC connector plugs into the flash terminal. Your camera dealer will be glad to supply the proper flash attachment for your camera.

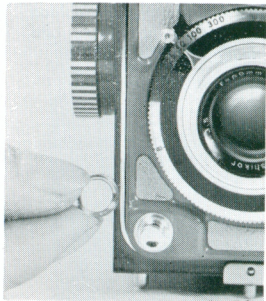
Your Yashica 44A offers X synchronization for short peak bulbs—SM and SF—and for Electronic Flash.

To calculate exposures for flash pictures, follow the bulb-manufacturers' simple recommendations.



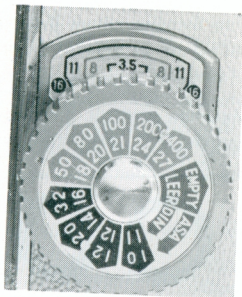
## CABLE RELEASE

A standard, overlap-type Cable Release can be fitted to your Yashica. Simply unscrew the Shutter Release Ring and screw in the Cable Release. Your camera dealer will supply the proper Cable Release for your camera.



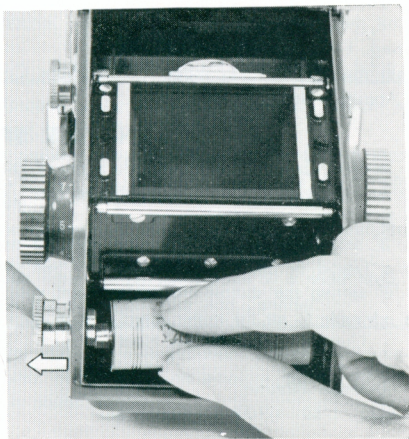
## ASA SPEED INDICATOR

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 Yashica 44A, with its Yashikor lens, offers openings at f: 3.5 4 5.6 8 11 16 22



f 3.5



f 4



f 5.6



f 8



f 11



f 16



f 22

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 to the desired number on the Aperture Scale.

## SHUTTER SPEED

The Shutter Speed controls the duration of the exposure. Shutter speeds on your Yashica 44A with its fine Copal Shutter are 1/25, 1/50, 1/100, 1/300th of a second and B.

The 'B' setting is for taking pictures with an exposure longer than 1/25 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 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

Use a Tripod or Brace

Average Pictures

Action  
Pictures

Time  
Exposure

1/25 1/50 1/100

1/300

'B'



# 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 1/100 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

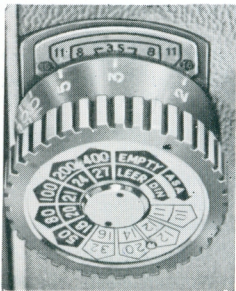
- (1) Light Subjects : Distant landscapes, near-by people with sea, beach and snow scenes in the background.
- (2) Average Subjects : Near-by people, houses, gardens, buildings and places not in the shade. Advisable to use this class when light and dark objects are in about equal proportions.
- (3) Dark 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 1/50. *To be absolutely certain, use an exposure meter. Be sure to consult your local camera dealer when in doubt.*

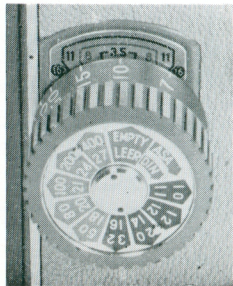
## DEPTH-OF-FIELD

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 15 feet (5m) and the lens aperture is  $f:3.5$  the Depth-of-Field (area in which all objects are sharp) is from about 13 feet (4m) to 18 feet (6m).



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 15 feet (5m) and the lens aperture to  $f:8$ . You will notice on the Depth-of-Field that anything from about 10 feet (3.5m) to 23 feet (9m) will be in focus.



## F I L T E R S

Your Yashica 44A accepts sunshades and filter adapter rings in convenient slip-on type that readily fasten to the 'taking' lens. A complete range of filters and supplementary lenses are available in the popular 28.5 mm slip-on type.

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 shutter set when the camera is not in use.

### REVIEW :

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



**YASHICA CO., LTD.**

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