

KRASNOGORSK-3 (K-3)

CAMERA PREP CHECK LIST

BEFORE STARTING THE CAMERA PREP FOR THE K-3 CHECK THAT YOU HAVE ALL OF THE FOLLOWING IN THE CAMERA CASE:

	K-3 Camera
	Meteor 5-1 Zoom Lens with Lens Cap
	Sunshade
	Pistol Grip
	Shoulder Harness
	Zoom Stick
	Take-Up Daylight Spool
	Yellow Y-2x Filter
	Lt. Yellow Y-1.4x Filter
	Colorless UV-1x Filter
	Neutral N-4x Filter
	Diopter 0.6 Filter

CHECK EACH OF THE FOLLOWING

1. SPREADER & TRIPOD

- _____ Runners slide smoothly and lock in all positions.
- _____ Legs slide smoothly and lock in all positions.

2. FLUID HEAD

- _____ Camera lock down screw fits into camera body, adapter plate, or sliding base plate.
- _____ Loosen pan and tilt locks and move head in all directions to be sure it functions properly.

3. CAMERA BODY

- _____ Camera body fits securely on head or adapter plate.
- _____ Check and clean interior to be sure it is free from emulsion build-up or film chips.
- _____ Check aperture plate, pressure plate and gate area for film chips or emulsion build-up.
- _____ Pressure plate is removable - Be sure to place it back inside camera before shooting.
- _____ Be sure that mirror is clean and free from scratches. Do not clean or touch mirror yourself.)
- _____ Footage counter functions properly.
- _____ Wind fully and run camera to be sure it functions properly.
- _____ Check that the movement of the shutter and pull-down claw is synchronized.
- _____ Run camera at lowest and highest speed to be sure it functions properly.
- _____ Ground glass is clean.

4. SCRATCH TEST CAMERA

- _____ Load a dummy load of film or short piece of film into the camera and run approximately 10-20 feet of film through the camera.
- _____ Remove the film from the take-up side and examine it for scratches on the base and on the emulsion side.

5. FOCUS EYEPIECE

- _____ With the lens set at the widest aperture and out of focus, point the camera at a bright light source or white surface.
- _____ While looking through the eyepiece turn the diopter adjustment ring until the cross hairs or grains of the ground glass are sharp and in focus.
- _____ Gently lock the adjustment ring and mark it so it can be set to the proper position each time you look through the camera.

6. PISTOL GRIP AND SHOULDER HARNESS

- _____ Mount pistol grip and check that it functions properly.
- _____ Mount camera on shoulder harness and be sure that it fits correctly.

7. LENSES

- _____ Check that lens seats properly in camera body.
- _____ Front and back glass elements are clean and free from scratches.
- _____ Iris diaphragm operates smoothly.
- _____ Check to be sure that focus distance marks are accurate.
- _____ REMEMBER THAT THE LENS IS CALIBRATED IN METERS. SEE CONVERSION CHART ON BACK OF THIS PAGE.
- _____ Check that zoom lens tracks properly and holds focus throughout the zoom range.
- _____ If necessary clean lens with lens fluid and lens tissue. Never use dry lens tissue on a lens.

8. CHECK FOCUS OF ZOOM LENS

- _____ Be sure that the lens is securely mounted on the camera.
- _____ Set the aperture to its widest opening. (Lowest t-stop number)
- _____ Using your tape measure, place a focus chart at various distances from the camera.
- _____ REMEMBER THAT THE LENS IS CALIBRATED IN METERS. SEE CONVERSION CHART ON BACK OF THIS PAGE.
- _____ At each distance look through the viewfinder eyepiece and focus the chart by eye.

METERS TO FEET CONVERSION TABLE

.1 METERS	3.9 INCHES
.2 METERS	7.9 INCHES
.3 METERS	11.8 METERS
.4 METERS	15.7 INCHES
.5 METERS	19.7 INCHES
.6 METERS	23.6 INCHES
.7 METERS	27.6 INCHES
.8 METERS	31.5 INCHES
.9 METERS	35.4 INCHES
1 METER	3 FT. 3.4 IN.
2 METERS	6 FT. 6.7 IN.
3 METERS	9 FT. 10.1 IN.
4 METERS	13 FT. 1.5 IN.
5 METERS	16 FT. 4.8 IN.
6 METERS	19 FT. 8.2 IN.
7 METERS	22 FT. 11.6 IN.
8 METERS	26 FT. 3 IN.
9 METERS	29 FT. 6.3 IN.
10 METERS	32 FT. 9.7 IN.

FEET TO METERS CONVERSION TABLE

1 FOOT	.30 METERS
2 FEET	.61 METERS
3 FEET	.91 METERS
4 FEET	1.22 METERS
5 FEET	1.52 METERS
6 FEET	1.83 METERS
7 FEET	2.13 METERS
8 FEET	2.44 METERS
9 FEET	2.74 METERS
10 FEET	3.05 METERS
15 FEET	4.57 METERS
20 FEET	6.10 METERS
30 FEET	9.14 METERS
40 FEET	12.19 METERS
50 FEET	15.24 METERS

_____ Compare the eye focus to the distance measured and see if they match.

_____ Check the lens at each distances including the closest focusing distance and infinity (∞).

9. ZOOM LENS TRACKING

Check that the shifting of the image is minimal when zooming in or out.

_____ While looking through zoom lens, line up the cross hair of the ground glass on the focus chart or on a point in the prep area where you are working.

_____ Lock the pan and tilt so the cross hairs remain centered on the point.

_____ While looking through the camera zoom the lens in very slowly and then out very slowly and watch to see if the cross hairs remain centered on the point throughout the length of the zoom. They may shift a small amount and this is usually acceptable.

10. FILTERS

_____ Check that each filter is clean and free from scratches.

_____ If necessary clean with lens fluid and lens tissue.