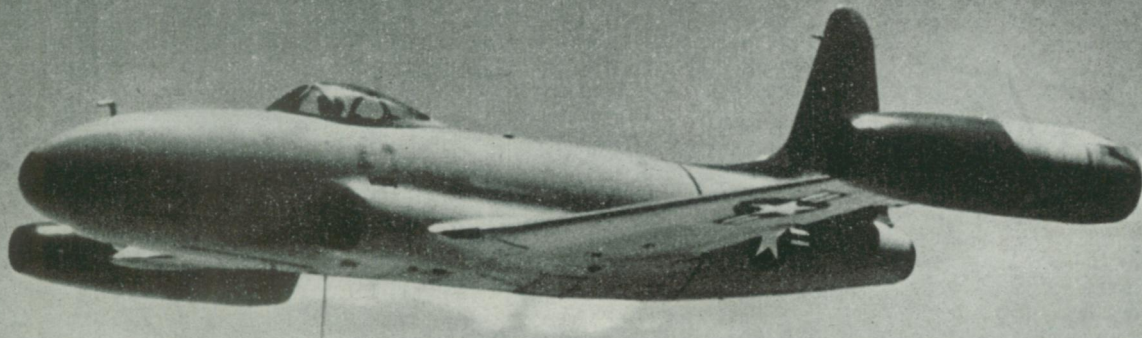


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November 13, 1948

SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE



Fire Propelled

See Page 313

A SCIENCE SERVICE PUBLICATION

\$5.50 A YEAR

VOL. 54 NO. 20

BINOCULARS

ASSEMBLE YOUR OWN BINOCULARS!



Complete Optics!
Complete Metal Parts
SAVE More Than 1/2 Regular Cost

GOVERNMENT'S 7 x 50 BINOCULARS

(American Made—not Jap, French or German) Here's an unusual opportunity to secure a fine set of Binoculars at a substantial saving of money. Offered here are complete sets of Optics and Metal Parts for the 7 x 50 Binoculars. These components are new and all ready for assembly. Full instructions supplied. **METAL PARTS**—Set includes all Metal Parts—completely finished—for assembly of 7 x 50 Binoculars. No machining required. Bodies factory hinged and covered. A sturdy Binocular Carrying Case is optional with each set of Metal Parts.

Stock No. 842-Q \$39.40 Postpaid plus \$4.80 for Case Total \$44.20

OPTICS—Set includes all Lenses and Prisms you need for assembling 7 x 50 Binoculars. These optics are in excellent condition—perfect or near perfect and have new low reflection coating.

Stock No. 5102-Q—7x50 Optics—\$25.00 Postpaid
NOTICE: Add 20 percent Federal Excise Tax to your remittance if you buy both the Binocular Optics and Metal Parts.

ARMY'S 6 x 30 BINOCULARS

COMPLETE OPTICS & METAL PARTS—Model M-13A1, 6 x 30 Binoculars (Waterproof Model). Everything you need—ready for assembly. When finished will look like a regular factory job costing \$102 to \$120. The Optics are new, in perfect or near-perfect condition. Have new low reflection coating. Metal parts are new and perfect, all completely finished. No machining required. Bodies factory hinged and covered. Complete assembly instructions included.

Stock No. 830-Q \$40.00 Postpaid plus \$8.00 tax Total \$48.00

METAL PARTS ONLY—Model M-13A1, 6 x 30 Binoculars. No Optics. Same Metal Parts as described for Stock No. 830-Q.

Stock No. 832-Q—6 x 30 Metal Parts \$25.00 Postpaid

OPTICS FOR 6 x 30 BINOCULARS (No Metal Parts.) Perfect and low reflection coated.

Stock No. 5130-Q \$15.00 Postpaid
SAME OPTICS AS ABOVE—Coated—but slight seconds.

Stock No. 5124-Q \$12.75 Postpaid
If you buy both the Binocular Optics and the Binocular Metal Parts, your purchase becomes subject to 20% Federal Excise Tax. Be sure to add amount covering tax to your remittance or your order cannot be filled.

OPTICS AND METAL PARTS are available for Monoculars (3/4 Binocular). For complete details, write for Bulletin Q.

POLARIZING VARIABLE DENSITY ATTACHMENT FOR BINOCULARS

An amazing effective unit for controlling amount of light reaching your eye. Cuts down glare in sky, and overwater observations. Easily snapped on and off over the eye cups of American made 7 x 50 Binoculars. Govt. cost, \$8.30 each.

Stock No. 20,000-Q \$2.00 Postpaid

Above Polarizing Attachment also adaptable to Govt. 6 x 30 Binoculars with substitution of special Eyecups.

Stock No. 20,010-Q—6 x 30 Eyecups 75c pr. Postpaid

POLARIZING OPTICAL RING SIGHT

(Unmounted) Used in gun sights—especially for shotguns. As you look through, you see a series of rings that you superimpose on your target. No front sight required. Increases degree of accuracy.

Stock No. 2067-Q \$4.00 Postpaid

TELESCOPES

6 POWER GALILEAN TELESCOPE

(Commercial Surplus) 28mm diameter Achromatic Objective Lens sturdily constructed of aluminum, 7 in. long, extends to 9 in. Complete with carrying case.

Stock No. 941-Q \$3.00 Postpaid

8 POWER ELBOW TELESCOPE

Gov't Cost \$200.00
Our Price \$17.50

Big 2 in. diameter objective.

All lenses Achromatic. Amici-prism erects the image. Four built-in filters—clear, amber, neutral and red. Slightly used condition but all guaranteed for perfect working order. Weight 5 lbs. Can be carried but a trifle bulky. Excellent for finder on Astronomical Telescope.

Stock No. 948-Q \$17.50 Postpaid

20X PRISM SPOTTING SCOPE SET—Consists of all lenses and prisms (slightly chipped) you need to make a good, standard 20X Spotting Scope. Low reflection coated. 57mm dia. Achromatic objective. Some metal parts included. We furnish directions.

Stock No. 5145-Q \$22.00 Postpaid

(Also surplus Riflescopes—Write for Bulletin 18-Q)
TELESCOPE EYE-PIECE—Consists of 2 Achromatic lenses F.L. 28mm.

Stock No. 5140-Q \$4.50 Postpaid



SENSATIONAL BARGAINS IN WAR SURPLUS OPTICS

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Read entire page carefully each month. There are often new items of interest. Be sure to specify "stock numbers" and enclose payment with your order. Buy with complete confidence that merchandise will be exactly as represented.

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NOW YOU CAN AFFORD TO MAKE YOUR OWN ENLARGER

MOUNTED ANASTIGMAT LENSES—Used for Projectors, Enlargers, Copying Cameras. Complete with Shutter and Diaphragm. Value about \$20. These were made for a specific camera but had longer or shorter focal length than could be used, and then the camera was discontinued. An excellent buy. **WE WILL INCLUDE FREE ILLUSTRATED BOOKLET ON HOW TO MAKE YOUR OWN ENLARGER.**

Stock No. 8004-Q Speed f/7.7, focal length approx. 127 mms. Suitable for pictures, negatives, positives up to 3 1/2 x 4 1/4" \$7.50 Postpaid

Stock No. 8006-Q Speed of f/7.7, focal length approx. 100 mms. Suitable for pictures, etc. up to 2 1/4" x 3 1/4" \$8.50 Postpaid

HEAT ABSORBING PLATE GLASS

Stock No. 4009-Q ... 4" x 5" 35c Postpaid
Stock No. 4010-Q ... 2" x 2" 10c Postpaid

NEW 50-PAGE IDEA BOOK "FUN WITH CHIPPED EDGE LENSES"

Contains wide variety of projects and fully covers the fascinating uses of all lenses in set listed above ... only \$1.00 Postpaid

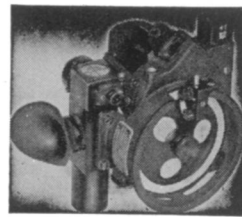
SEXTANTS

UNUSUAL BARGAIN BUBBLE SEXTANTS

These Army Air Forces Bubble Sextants cost the Govt. about \$125.00 each. A real bargain at our price at \$12.50! Wooden carrying case included. Also auxiliary items. Wartime used. **BUT COMPLETELY REPAIRED, COLLIMATED AND PUT IN GOOD WORKING ORDER.** If not satisfied that Sextant is exactly as represented, return within 10 days for refund. Full directions for use accompany each shipment.

Stock No. 924Q \$12.50 Postpaid
Same Sextant as above, but **BRAND NEW** and with Automatic Electric Averaging Device and Illuminated Averaging Disc for nighttime use, Govt. cost \$217. Though brand new we have re-checked Bubble and Collimation and **GUARANTEED** perfect working order.

Stock No. 933-Q \$22.50 Postpaid



LENSES

SIMPLE LENS KIT

Some Govt. surplus, some commercial surplus, some chipped rejects, some perfect, few coated ... in any event an excellent bargain. Containing Plano Convex, Double Convex, Concave, Miniscus Lenses. Dia. range 5mm to 40mm. Assorted focal lengths.

Stock No. 5-Q—45 lenses \$5.00 Postpaid
Stock No. 10-Q—80 lenses \$10.00 Postpaid

10 LENS KIT—THE LENS CRAFTERS DELIGHT! Kit includes illustrated booklet. . . .

A specific project for every lens in the kit. Use these lenses in photography for copying, **ULTRA CLOSE-UP SHOTS**, Micro-photography, for "Dummy Camera," Kodachrome Viewer, Detachable Reflex View Finder for 35mm cameras, Stereoscopic Viewer, ground glass and enlarging focusing aids. And for dozens of other uses in experimental optics, building **TELESCOPES**, low power Microscopes, etc.

Stock No. 2-Q \$1.00 Postpaid

LENS CLEANING TISSUE—1st quality sheet size 11 x 7 1/2 in. Made to Govt. specifications. High wet strength. Free of abrasives.

Stock No. 721-Q—500 sheets \$1.00 Postpaid
SLIDE PROJECTOR SETS—Consist of all unmounted lenses you need to make the following size projectors:

Stock No. 4038-Q—2 1/4 x 2 1/4 in. \$3.35 Postpaid
Stock No. 4039-Q—2 1/4 x 3 1/2 in. \$3.35 Postpaid

Stock No. 4029-Q—35mm \$2.85 Postpaid
35MM KODACHROME PROJECTING LENS SET—Consists of a mounted projecting lens, heat absorbing glass, 2 condensing lenses.

Stock No. 4035-Q \$4.85 Postpaid

MOUNTED PROJECTING LENS SYSTEM—F.L. 91.44 mm (just right for 35mm Projectors). Speed of F 1.9

Outside dia. of mount at one end 60mm. Length of mount 64mm.

Stock No. 4033-Q \$3.00 Postpaid

THREADED OUTSIDE MOUNT FOR FOCUSING ABOVE SYSTEM (Not illus.)—

Stock No. 715-Q \$1.00 Postpaid

CONDENSING LENS SET—Consists of 2 Condensing Lenses with diameter of 2 in. Used for making 35mm projector or many other purposes.

Stock No. 4034-Q 75c Postpaid

CONDENSING LENSES—Seconds, but suitable for Enlargers and Spotlights.

Stock No. 1061-Q—6 1/2 in. diam., 9 in. F.L., \$2.50 Postpaid

Stock No. 1080-Q—5 in. dia., 7 in. F.L., \$1.00 Postpaid

Stock No. 1084-Q—2 1/2" dia. 4" F.L., \$1.00 Postpaid

We Have a Limited Quantity of Condensing Lenses—seconds—ranging from 4 1/2 in. to 3 1/2 in. in dia., with various focal lengths. Send for Free Bulletin titled "MISCELLANEOUS CONDENSING LENSES—Q."



IF YOU'RE INTERESTED IN OPTICAL BARGAINS
Write for **FREE CATALOG Q** We Have Literally Millions of War Surplus Lenses and Prisms for Sale at Bargain Prices. Numerous Types of Instruments Too!

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