



The 1945 edition of "Polevoi remont samoletov" by Zinoviec and Platonov, did not had a table of the colors used, as in the 1943 edition by Platonov and Karlov.

In CHAPTER VII, "REPAIR OF PAINT COATINGS" we find citations for:

- Ordinary SD paint remover
- Thinner R-1
- Primer ALG5
- Enamel A14 or A14F
- Oil enamels for camouflage: A21m (light brown), A24m (green), A28m (blue) and A32m (dark gray)
- For the insignia, oil or glypthalic enamel A13 or A13F red; the star is edged with white oil paint or A11 enamel
- Glypthalic primer 138A

- For camouflage of mixed construction airplanes, AMT12 (dark gray) or AMT4 (green) dope is applied to the upper and side surfaces, and AMT7 blue dope is applied to the lower surface; then, according to the camouflage scheme, the second layer of aero lacquers AMT1 (light brown), AMT4, AMT 11 (gray-azure), AMT12 and AMT7 is applied
- Identification marks are applied with aerosol varnishes AIIKr followed by edging with DM nitro-enamel (white)
- Electronic parts are coated with ALG1 primer and then twice with ALG5 primer; Instead of the second layer ALG5, you can paint with oil enamels A14 or A21m, A24m, A28m and A32m in accordance with the camouflage scheme

In the CHAPTER XVII, TECHNOLOGY FOR PAINTING WOODEN SURFACES OF THE WING, FUSELAGE, STABILIZER AND CENTER PLAN, we find:

INTERIOR SURFACE PAINTING for parts glued with casein glue: 3 options:

1. Prime with a brush with DD-113 nitro-primer, apply two consecutive layers of AIIaI (k) aluminum dope varnish.
2. Apply with a brush 2-3 layers of gray chlorovinyl enamel DD118-B; if using enamel DD118-A always three layers.
3. Apply with a brush two layers of A14 oil enamel or 14F glypthalic enamel

For parts in "delta wood" only, a fourth option: apply a thick continuous layer of resin glue No. 1

For EXTERNAL WOODEN SURFACES: Preparation, priming and filling of the surface before pasting with a cloth after smoothing the surface using AK20 nitro glue or lacquer AIN and painting with Allal (k) aluminum dope or using ASh-30 nitro putty for joints and the front surfaces of the wing.

Similar treatment for the cloth cover, then apply a first cover of dark gray dope AMT12 (p) or green dope AMT4 (p) to the upper and side surfaces, and blue dope AMT7 (p) on the lower surface.

Then apply a second layer of dope varnish according to the approved camouflage scheme: light brown AMT1 (p), green AMT4 (p), gray-blue AMT11 (c) and blue AMT7 (p).

This layer is applied after the final assembly of the machines in the paint shops,

After drying, apply identification marks with red dope varnish AIIKr (k), edging them with white paint (width of white edging 5 cm, red 1 cm).

Winter camouflage casein paint MK7 is prepared mixing MK7 color paste and freshly prepared casein glue.

The mixture should be filtered, and then smoothed with glass paper no. 00, no. 000 or emery cloth no. 140-170.

#### In the CHAPTER XIX, REPAIR OF CANVAS COVERINGS

After priming with a first layer of dope AIN and protecting with an intermediate layer of aluminum dope Allal, the colored dopes are applied as above.

One interesting, and modern, aspect of this book, is the fact that at the end of each chapter, you have review questions, to see if you have learned the main lessons.

At the end of chapter VII we have the following questions:

#### REVIEW QUESTIONS

1. What are the defects of paint and varnish coatings?
2. What washes are used for repairs?
3. What paints and varnishes are used for repairs?
4. How is old paintwork removed?
5. How are duralumin frames, skin, parts and assemblies of metal aircraft painted?
6. How are duralumin parts and assemblies of mixed-design aircraft painted?
7. How is steel structure painted?
8. How are electronic parts painted?

PRIMERS AND LACQUERS NOT PRESENT IN THE 1943 TABLE

AMT1	AMT11	AMT12	ALG1	ALG5	No. 138