

Chapter IV

REPAIR OF PAINTED COATINGS OF AIRCRAFTS IN FIELD CONDITIONS

I. PAINT AND VARNISH MATERIALS

Table 44

Prog N°	Name of materials	Number of Standard	Scope	Possible replacement
1	Dope first coating A1N	NCAP, NKXP, TU734-41	To brush on the tissue lining of aircraft and attaching patches.	No
2	Dope second coating green AMT4 (k)	NCAP, NKXP, TU714-41	For coloring fabric, wood and metal surfaces prepared by appropriate means.	-
3	Dope second coating black AMT6 (k)	NCAP, NKXP, TU679-41	Ditto	-
4	Dope second coating blue AMT7 (k)	NCAP, NKXP, TU795-41	"	-
5	Dope second coating red AIIKr (k)	280 SMTU with a sheet of changes	For the application of markings - the stars.	-
6	Nitro glue AK20	NCAP, NKXP, TU720-41	For attaching fabric to wood and fabric labels patches on wood, fabric and metal plating.	Dope A1N
7	Nitro putty ASH22	NCAP, NKXP, TU271-41	For puttying primed wood and fabric, glued to the wood.	Caulking ASH30
8	Nitro enamel DM yellow	265 SMTU	To paint the gasoline systems.	Enamel A6
9	Nitro enamel DM brown	265 SMTU	To paint the oil systems.	Enamel A8

Prog. N°	Name of materials	Standard number	Scope	Possible replacement
10	Nitro enamel DM green	265 SMTU	To paint water systems	Enamel A 7
11	Nitro enamel DM red	265 SMTU	To paint sprinkler systems identification markings	Enamel A 13
12	Nitro enamel DM black	265 SMTU	To paint air systems	Enamel A 12
13	Nitro enamel DM blue, light blue	265 SMTU	To paint oxygen systems	Enamel A 10
14	Nitro enamel DM blue	265 SMTU	To paint hydraulic systems	Enamel A 9
15	Nitrocellulose lacquer AV4 d/l	NCAP, NKXP, TU718-41	For varnishing pine skis.	Nitro glue AK20
16	Thinner RDV or RDV2	NCAP, NKXP, TU776-41	To dilute nitrocellulose lacquer enamels and nitrocellulose putty	As an exception SD (special)
17	Special SD paint remover	198 AMTU	For softening and washing off old nitrocellulose coatings.	RDV
18	Ordinary SD paint remover	NCAP, NKXP, TU906-42	For washing off from metal old enamel and oil coatings.	No
19	Green enamel A24m	NCAP, NKXP, TU674-41	For coloring the external skin of metal aircraft	No
20	Black enamel A26m	NCAP, NKXP, TU671-41	Ditto	No
21	Blue enamel A28m	---	"	No
22	Yellow enamel A6	252 SMTU	For coloring the gasoline system.	M

Prog. N°	Name of materials	Standard number	Scope	Possible replacement
23	Green enamel A7	253 SMTU	For coloring the water system.	Nitro enamel DM of appropriate color
24	Brown enamel A8	254 SMTU	For coloring the oil system.	Nitro enamel DM of appropriate color
25	Blue enamel A9	310 SMTU	For painting the hydraulic system.	--
26	Light blue enamel A10	255 SMTU	For painting the oxygen system.	--
27	White enamel A11	256 SMTU	For painting gasoline pumps and first aid kits.	--
28	Black enamel A12	257 SMTU	For painting the air system.	--
29	Red enamel A13	258 SMTU	For painting markings and fire systems.	--
30	Steel color enamel A14	259 SMTU	For painting interior surfaces of metal aircraft.	A28m
31	White camouflage paint MK7	VTU	For repainting aircraft during the snow season of the year.	No
32	Nitro primer DD113	--	For priming the internal surfaces of wooden planes.	AK20

Notes:

1, Dope first coating A1N: colorless

6, Nitro glue AK20: colorless

7, Nitro putty ASH22: according to brigadier.ru a yellow nitro putty, a thick doughy mass consisting of a mixture of dry pigments, fillers and nitrocellulose, dissolved in a mixture of organic solvents with the addition of resin and softeners

15, Nitrocellulose lacquer AV4 d/l: according to Orlov from straw yellow to light brown

16, Thinner RDV or RDV2: colorless

17, Special SD paint remover: colorless

18, Ordinary SD paint remover: colorless

31 White camouflage paint MK7: white, with a slight addition of blue to be similar to snow when photographed with ultraviolet sensitive film

32, Nitro primer DD113 according to a thread in Scalemodels.ru "The color of DD-113 was normalized within a wide range: "from gray-yellow to gray-brown"; according to brigadier.ru the color is light gray, sometimes with a yellowish tinge