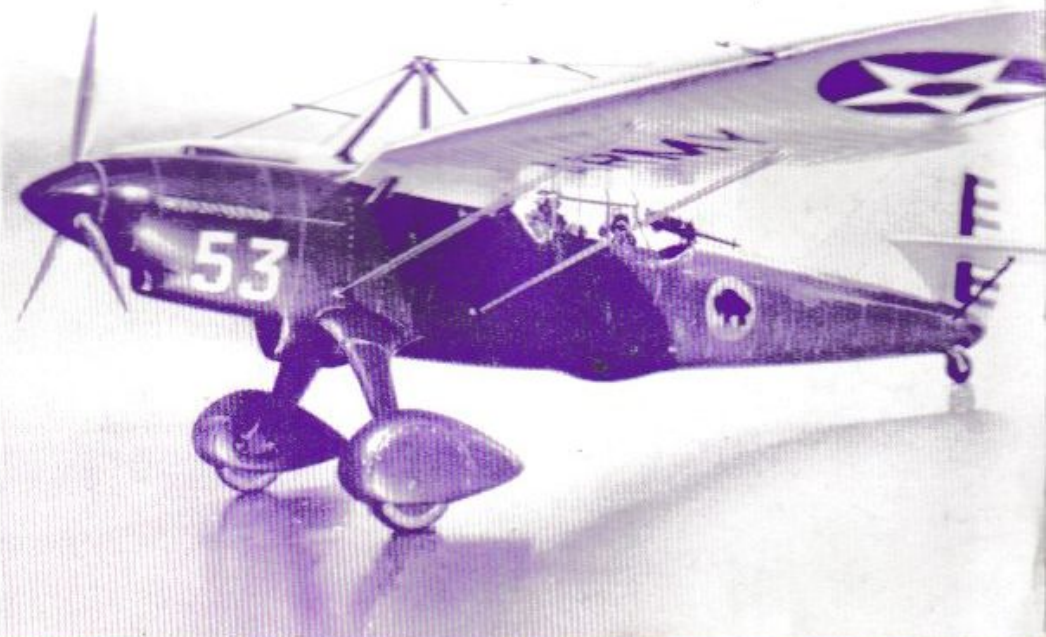




1:72 SCALE VACUUM-FORMED
MODEL AIRCRAFT KIT

Douglas O-43 Observations

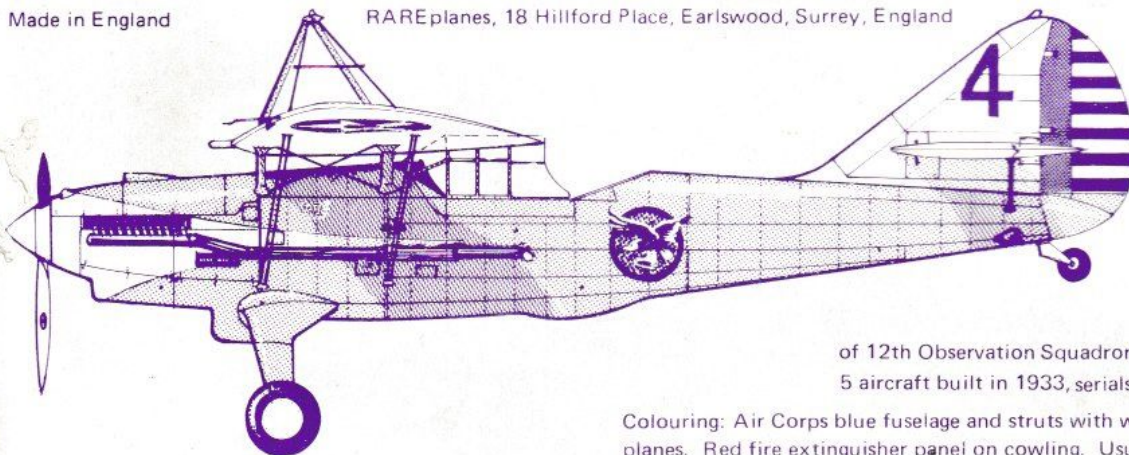


RAREplanes

Douglas O-43

Made in England

RAREplanes, 18 Hillford Place, Earlswood, Surrey, England



A complete fuselage for this model is enclosed. Use the correct exhaust pipe and cockpit canopy provided, and the tailplane that is all-corrugated. Rig model exactly as O-43 drawing overleaf.

Douglas Y10-43

of 12th Observation Squadron based at Brooks Field, Texas in 1936 colours.
5 aircraft built in 1933, serials 32-291 to 295.

Colouring: Air Corps blue fuselage and struts with white nose flash. Chrome yellow wings and tailplanes. Red fire extinguisher panel on cowl. Usual pre-war national insignia.

Douglas YO-31C

Perhaps one of the most beautiful military aircraft of the pre-war period, the one and only YO-31C observation was delivered to the US Army in 1932 and was still being used at a training University until 1947.

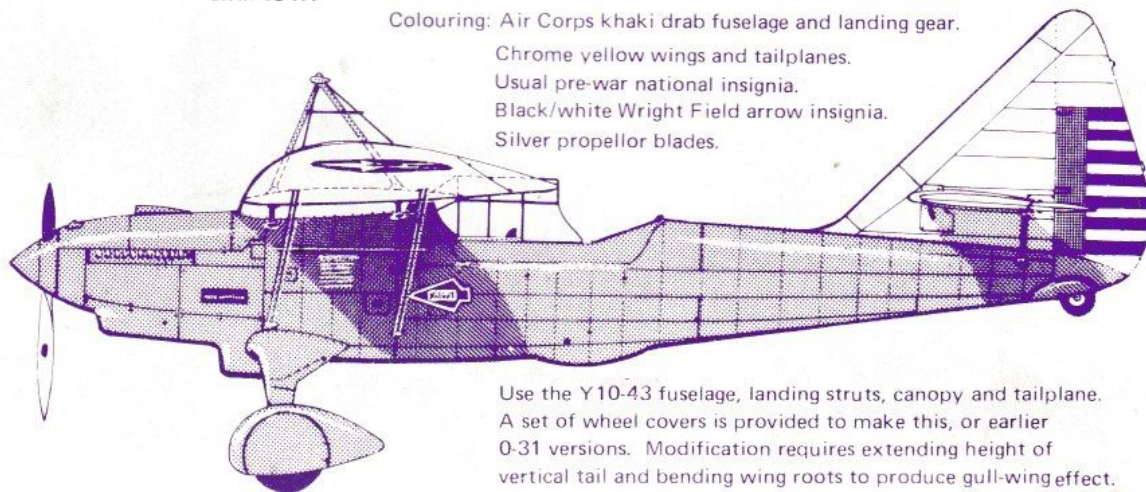
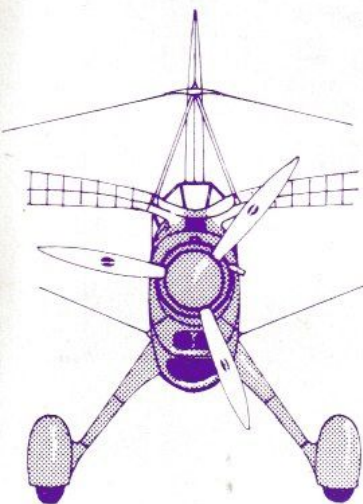
Colouring: Air Corps khaki drab fuselage and landing gear.

Chrome yellow wings and tailplanes.

Usual pre-war national insignia.

Black/white Wright Field arrow insignia.

Silver propeller blades.

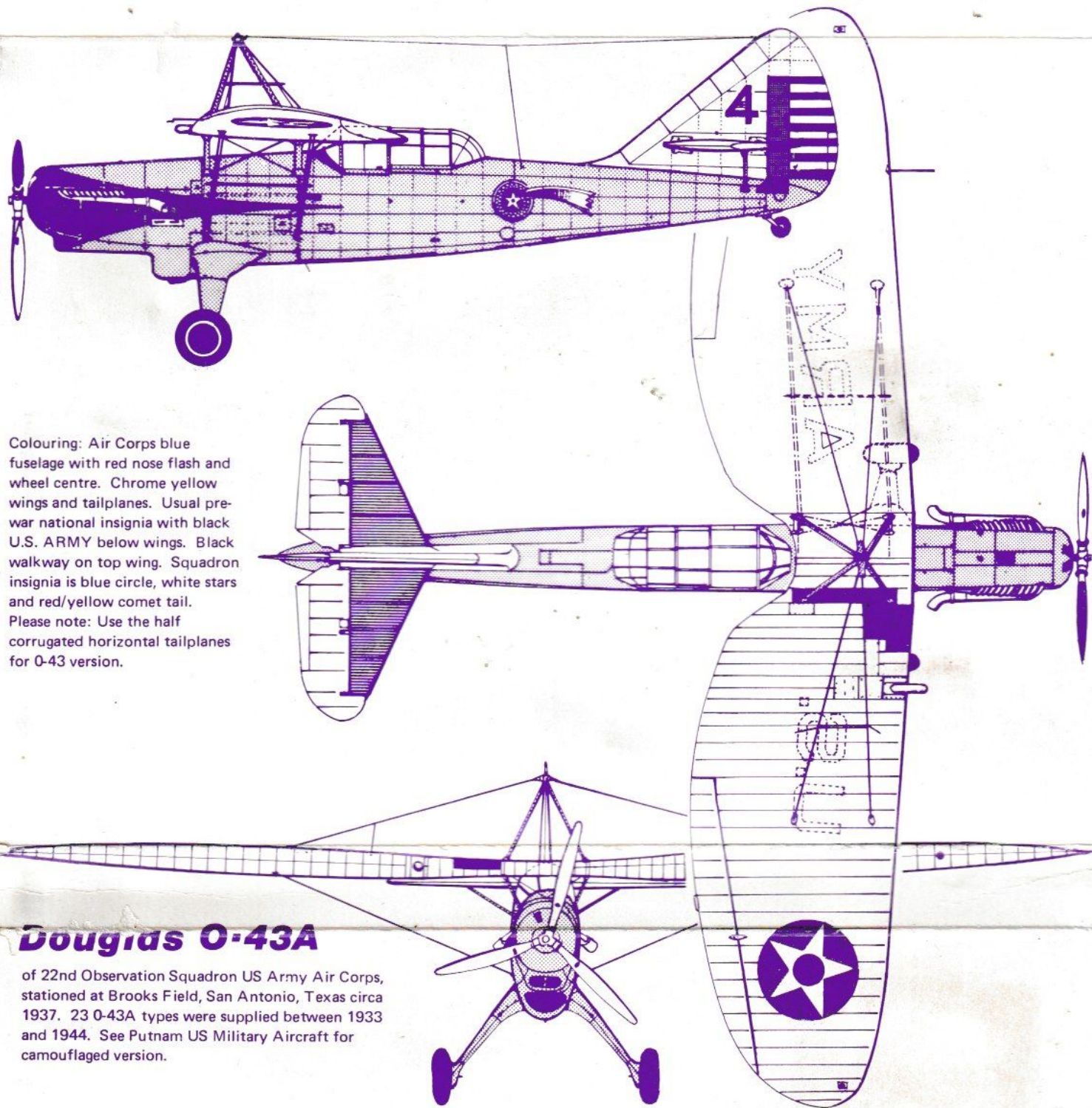


Use the Y10-43 fuselage, landing struts, canopy and tailplane.
A set of wheel covers is provided to make this, or earlier O-31 versions. Modification requires extending height of vertical tail and bending wing roots to produce gull-wing effect.

Published references on the Douglas Parasol Observation aircraft:

AAHS Journal Fall 1963 — many good pictures.
Janes AWA 1932 to 1936.
Model Airplane News July 1951 — good O-43A plan
Popular Aviation (USA) March 1935 — colour cover.
US Military Aircraft since 1909, Putnam.

Wings Magazine October 1973 and April 1974: this is the finest reference on all Douglas Parasols, with detailed plans, sectioned views and many pictures. The history is written by Peter M. Bowers.



Colouring: Air Corps blue fuselage with red nose flash and wheel centre. Chrome yellow wings and tailplanes. Usual pre-war national insignia with black U.S. ARMY below wings. Black walkway on top wing. Squadron insignia is blue circle, white stars and red/yellow comet tail. Please note: Use the half corrugated horizontal tailplanes for O-43 version.

Douglas O-43A

of 22nd Observation Squadron US Army Air Corps, stationed at Brooks Field, San Antonio, Texas circa 1937. 23 O-43A types were supplied between 1933 and 1944. See Putnam US Military Aircraft for camouflaged version.

GENERAL CONSTRUCTION NOTES

Lightly score around moulded shapes with a sharp blade, breaking away excess plastic with small pliers. Rub cut edges of all parts on wet-and-dry sandpaper, removing approx 1/32mm of plastic to obtain smooth, flat edges.

Heavier sanding is needed on rudder, wing and tail trailing edges to ensure knife-edge joints. Check plans constantly to see parts are not oversanded.

Use liquid styrene cement for most construction; tube cement or white glue for struts and undercarriages; clear impact cement for fixing cockpit canopies.

Build up strut fairings with blobs of white glue.

Use fine sandpaper to smooth joints, then brush over liquid styrene cement to restore a glossy surface.

RAREplanes have produced the master dies for the radial-engined Douglas O-46 observation plane and this will be on sale in the near future.

