

Dornier Do-28D Skyservant of the World air forces: PART 1

designed for 1/72 scale: Matchbox #PK-107 / Revell kit #04397 / 40102 / 04193

Benin, Malawi, Morocco, Niger, Nigeria, Zambia

HISTORY

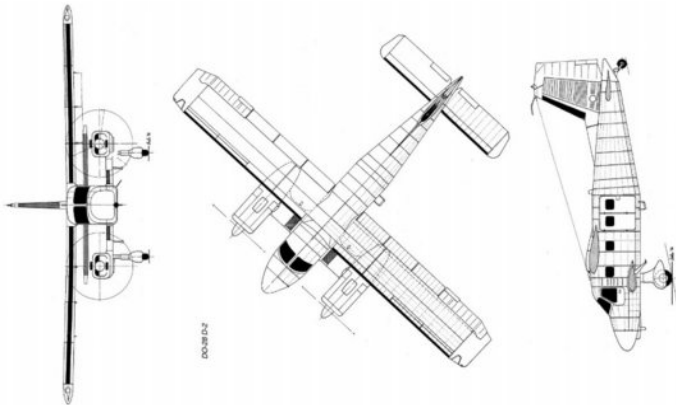
The German company Dornier designed a series of light transport and utility propeller aircraft after the Second World War with STOL capabilities like the Do-27, Do-28 and Do-28 Skyservant. The Do-28 is small twin turboprop utility aircraft that had 2 versions. The Do-28 A/B first flew in 1959 with some 120 manufactured. Then followed the Do-28D named Skyservant with different configuration that first flew in 1966 and later improved as D1 and D2. The Skyservant was flown in over 30 countries in civil and military roles and some 170 were manufactured.

CAMOUFLAGE AND SCHEMES

There is a large variety in Dornier schemes as used by various World air- and government support- forces. It is strongly recommended to study photos in books and internet to pick a particular Dornier and on websites finding a photo is not that difficult. Particular suggestions of each scheme on this decals sheet are also provided.

The precise scheme colours used by a particular Dornier are often unknown. On the decals sheet there may be some small spare decals. The rear emergency break panel has often red corner markings, these are on the sheet as are propeller markings.

On the decals sheet some "white markings" may be provided separately that need to be combined with other decals on the sheet to form a complete marking, particularly for national insignia. Apply first the coloured marking and on top the white outlined marking, align symmetrical.



DECAL APPLICATION

The decal sheet has ONE continuous print film, so each decal needs to be cut out with fine scissors. No other prior decal preparation is needed.

Each cut out decal can be applied as usual after soaking it a short while in water. Decals are EXTREMELY THIN, so slide off from the wet backing sheet on a horizontally held GLOSSY model surface. Do not use tweezers! They will fold doubled!

Note that a decal that contains a white section is often split in two parts. To apply the full decal marking, first set the white decal section at correct position and on top of that the coloured section. On the decals sheet you will often see an "arrow" to indicate this way of application (on white surfaces, the white section is optional).

After all decals have been applied, finish the model with your preferred final gloss, matt or semi-matt varnish coats. This will also protect all the decals.

MODEL KITS

In 1/72 scale Matchbox from the U.K released a Do-28D-2 Skyservant in 1974 as kit #PK-107. The same kit was also released later by Revell Germany in several releases with different decals as kit#4397, 40102 and 04193.

This decals sheet has markings for the Do-28D (mostly for Do-28D-2).

The first version was the Do-28D-1 with a simple wing and wing fences. Later the Do-28D-2 came with some modifications: another internal cabin layout and higher take off weight. It got redesigned flaps and the D-1 wing fences were removed and now fitted were fixed leading edge slots on the outboard wing. So check out the details on the particular Dornier.

Note that the pitot tube is situated at the top of the vertical tail.

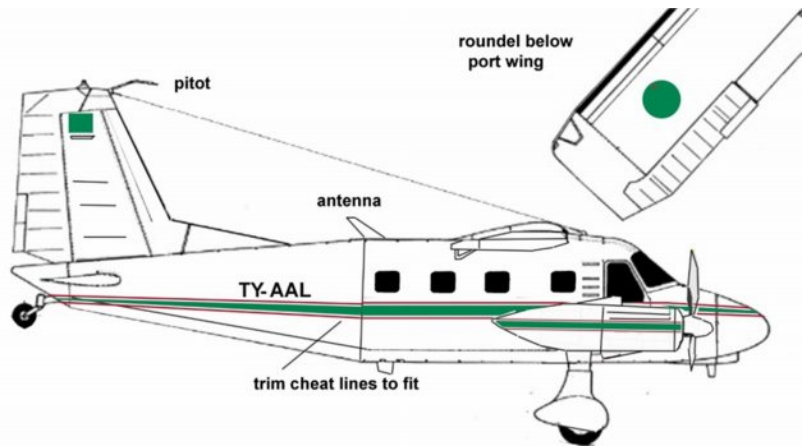
NOTE: for a Do-128-6 Turbo Skyservant, the nacelles at the front are different to accommodate the PT-6A engine. This needs modifications to the kit nacelles with other intake and exhaust.

My website AircraftinPlastic.com can help building your model

Benin

Benin is a country the South Western Sahara. A pair of Do-28D-2 were flown by the Benin air force "Force Aérienne Populaire de Benin" that were delivered from 1985. The last one was scrapped in 1994.

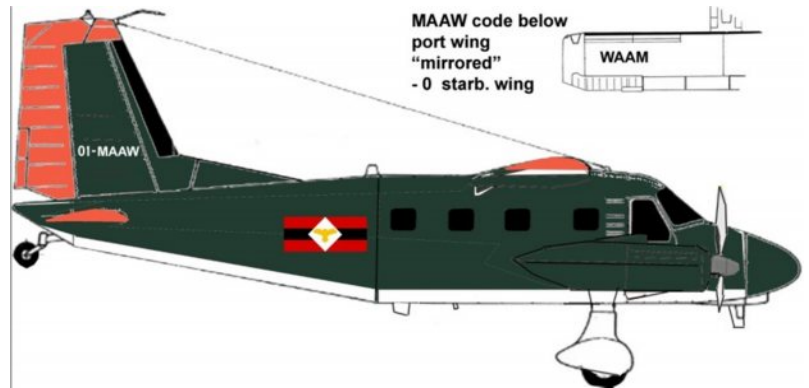
Do-28D-2 coded TY-AAL c/n 4349 has an overall colour of white with red-green-red cheatlines. The cheatline decals need to be trimmed to correct lengths. There is a roundel below the port wing, unclear if also on top of the wing. A single wire antenna runs from tail to forward fuselage.



Malawi

This land locked country in South East Africa but with a big Lake Malawi. It has a small air force as part of the army. Quite a few Do-28D-2 were flown with some 9 operated from probably 1976 until the early 1990s. (Many were replaced by the bigger Do-228-201/ 202).

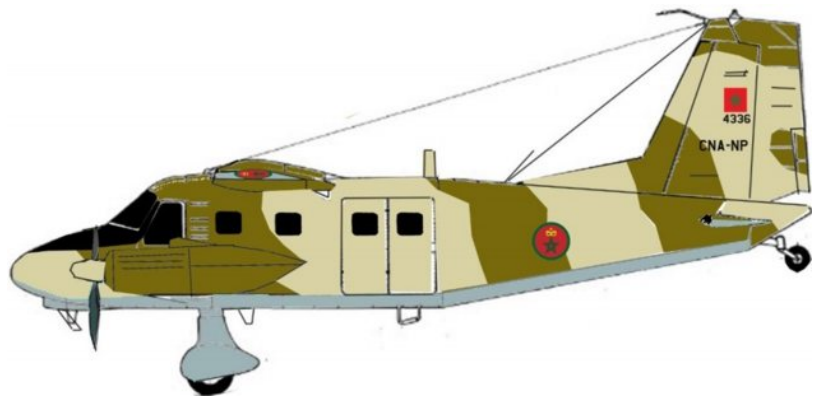
This Do-28D-2 c/n 4339 coded 01-MAAW has a scheme of dark green (about FS34079) and probably lower surfaces in very light grey (about FS36622). There are high visibility orange-red panels on rudder, tail, stabilizer tips and wing tips (about FS22190). Sometimes a pair of wing fuel tanks were installed on pylons. The MAAW code was seen split between port- and starboard lower wing surfaces (facing forward). Propeller blades and spinner probably medium grey with yellow propeller tips.



Morocco

A single Do-28D-2 was flown from 1969 for maritime patrol. Later another pair of Do-28D-2 arrived from as late as 2012.

This Do-28D-2 c/n 4336 coded CNA-NP has sand desert like camouflage (about sand FS33564 and brown FS30450) with lower blue-grey surfaces (about FS36492). (For the starboard camouflage pattern, seen below the similar Niger scheme). The stabilizers have a black leading edge. The anti-glare panel and front cockpit window frames are black. Spinners in camouflage with light grey propeller blades and white-grey-white propeller tips (sometimes yellow tips). Note the various antennas like 2 wire antennas running from the tail and the monopole antenna.



Niger

Some 3 Do-28D-2 were flown starting in 1979. This Do-28D-2 c/n 4332 coded BA (official 5U-MBA) was operated around 2010. It has sand desert like camouflage (about sand FS33564 and brown FS30450) with lower blue-grey surfaces (about FS36492). (For the port camouflage pattern, seen above the similar Morocco scheme).

The stabilizers have a black leading edge. The anti-glare panel and front cockpit window frames are black. Spinners in camouflage with light grey propeller blades and yellow propeller tips. A single long wire antenna was seen.

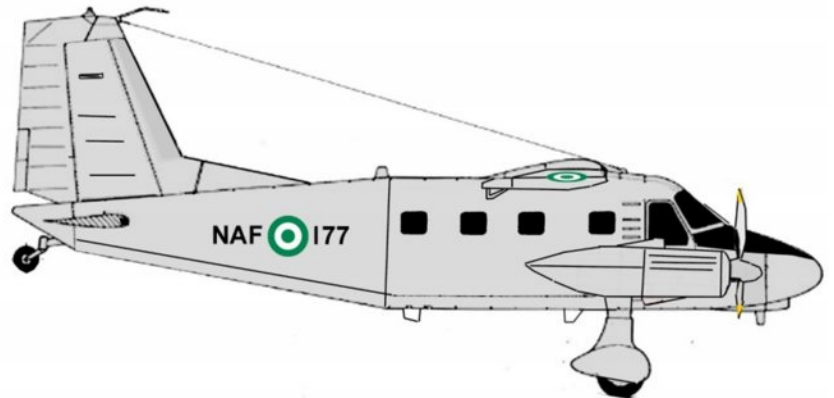


Nigeria

Nigeria was a large user of the Do-28 with some 5 old -B1, 4 Do-28D-1 and 16 Do-28D-2 flown from 1969 until 2006. Some Do-128-6 Turbo Skyservants are also flown Various paint schemes were seen.

[1] Do-128-6 coded NAF 025 is a modernized Turbo version with PT-6A engines that needs some kit nacelle modifications. It has a camouflage scheme with probably a "wrap around" pattern on the fuselage but light grey lower surfaces on wing and stabilizers. The stabilizers have a black leading edge. Spinners and propeller blades light grey and white-red-white propeller tips. Also roundels below each outboard wing.

[2] Do-28D-2 coded NAF 177 has a overall grey finish. Note it has the standard D2 Skyservant engines.



Do-28D-1

fill outboard slots
add wing fences



Zambia

Some 10 Do-28D-1 were flown but is unknown when the first entered service. Do-28D-1 c/n 4041 coded AF-207 has an attractive camouflage scheme. *(it is preserved at Lusaka). Colours are medium green, dark green, brown. Note this particular Do-28D-1 had no outboard slots, had wing fences and no wheel fairings. Black nose tip. Two wire antennas.

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