

## Dornier Do-228-200 of the World armed/ support forces: PART 1

designed for 1/72 scale: Revell kit #04600 / 4287

### Cabo Verde , Maldives, Mauritius

#### 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, Do-28 Skyservant and the longer Dornier Do-228. The Do-228 is twin turboprop utility aircraft that first flew in 1981. There are a few versions with different fuselage lengths with the Do-228-200 series being the longest. It is used in variety of roles and sold to over 50 operators and countries. It was also license manufactured by Hindustan Aeronautics (HAL) in India. The latest version flown in 2010 is the Do-228NG with improved systems, TPE331-10 engines with five bladed propeller and glass cockpit.

#### CAMOUFLAGE AND SCHEMES

There is a large variety in Dornier schemes as used by various World air- and government support- forces. Often configurations varied as delivered with different antennas and systems. So 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.

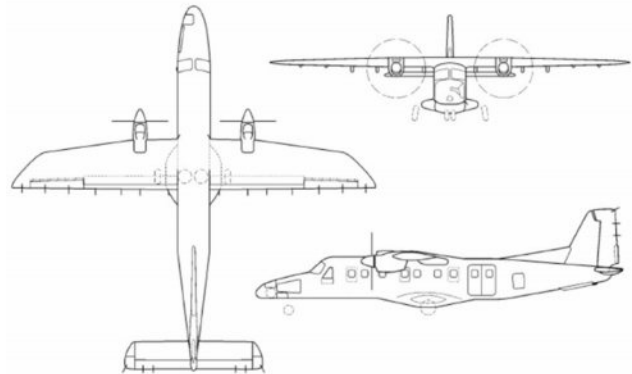
Each cut out decal can be applied as usual after soaking it a short while in water. Decals are EXTREMELY THIN, so slide off from the wet backing sheet on a horizontally held GLOSSY model surface. Do not use tweezers! They will fold doubled!

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.

#### Cabo Verde

A pair of Do-220-200 aircraft were flown by the Coast Guard of Cabo Verde. This an archipelago in the Atlantic Ocean, consisting of ten volcanic islands that lie about 700



#### MODEL KITS

In 1/72 scale Revell Germany released 2 Dornier Do-228 kits.

This decals sheet has markings for the **longer Do-228-200** series with Revell kits #04600/ 4287. (Note that the short fuselage Do-228-100 series was also released by Revell a year earlier in 1987 as kit #4239).

The most prominent system on Dorniers used for maritime patrol may be a large search radar fairing below the forward fuselage. This is not provided in the 1/72 kit unfortunately so has to be made from scratch. Making the fairing can be best done with a piece of balsa wood or several layers of plastic card with putty sanded in shape. It is not easy as it needs to be a symmetrical fairing. On the other hand, it is situated below the lower front fuselage so a few imperfections are not that visible on a model.

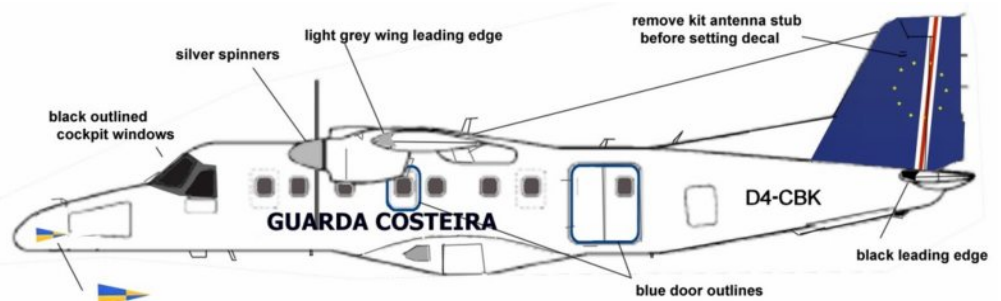
The big search radar fairing is about 54 mm long at the fuselage joint and 14 mm wide in 1/72.

Other external systems may be a camera turret and long SLAR pods. These are need to be made from scratch when applicable.

Sometimes a few bulbous cabin windows are seen on patrol aircraft, these need than to made from scrap or try your spares' box. Same with the landing lights in the fronts of the main gear fairings. Often the nose wheel has a mud cover.

Also check out the smaller antennas and any long wire antenna on the particular Dornier. Often a single long wire antenna is seen running from tail to mid fuselage or a pair of shorter wire antennas.

My website [AircraftinPlastic.com](http://AircraftinPlastic.com) can help building your model.



kilometres of the west African coast.

Do-228-212 with registration D4-CBK c/n 8222 was operated beginning 1990s. (The sister Do-228-202 had registration D4-CBC and flown from probably 1992 to 1999). The overall colour is gloss white. The wing leading edge seems to be gull/ light grey and the horizontal stabilizer leading edges black. Black outlined cockpit windows. The spinners are silver chrome. The port and starboard finishes are similar.

The tail markings are a decal and need trimming to fit. For a good result: first remove the moulded kit antennas on the tail. Than try to paint a matching blue colour on the tail edges only, let dry and than apply the decal. Decal softener may help here as well. Finally re-install the removed antennas from card. A long wire antenna runs from tail to mid fuselage and some smaller antennas were also seen.

### Maldives

The Maldives National Defence Force (MNDF) operated Dorniers donated by India (HAL) with a first Dornier arriving in 1978. They are flown in a coast guardian role over the large Indian Ocean sea areas of the Maldives.

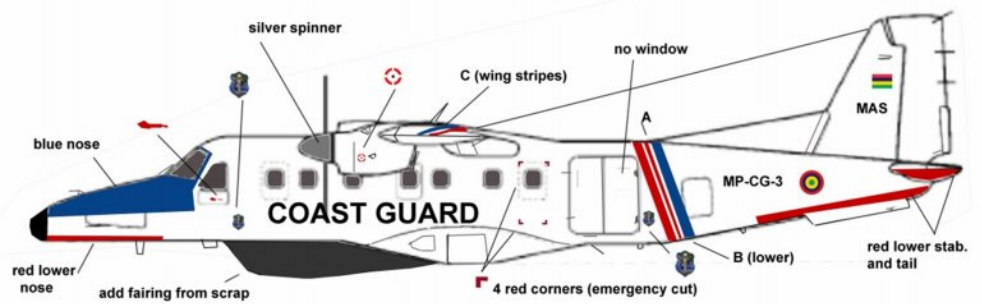


Do-228-201 c/n 4061 coded 233 was the former HAL IN233. It has an overall grey scheme with black radar nose and black cockpit window outlines. For the grey Federal Standard FS16373 seems a good match. (No black leading edges on wing and stabilizers were seen). The spinners are silver chrome. The port and starboard finishes are similar.

It has a large search radar fairing (see notes on first page). A long wire antenna runs from tail to mid fuselage and some smaller antennas were also seen. The national markings are badges and Maldives' flag and no markings were seen on the wing. Note the red emergency door and aft emergency cutting panel markings. The small sliding cooling window on the cockpit side window has a white outline (is white outlined decal for both port and starboard sides).

### Mauritius

The Mauritius Coast Guard monitors a large area of the Indian Ocean east of Madagascar off the African east coast. Fixed aircraft were used from mid 1990 like an Britten Normal Islander and a Do-228-101 (with the shorter fuselage).



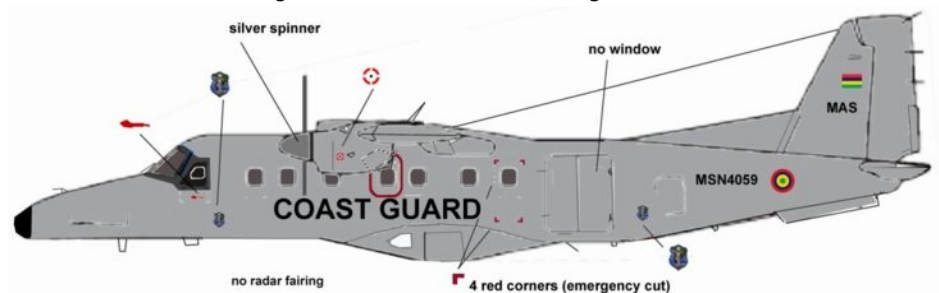
From probably 2004 3 aircraft of the longer fuselage version Do-228-201 and -202 arrived.

Dornier Do-228-201 c/n 4074 coded MP-CG-3 has an attractive colour scheme of white with bright red and blue trim. The port and starboard finishes are similar. The lower areas of nose, aft lower fuselage and horizontal stabilizers have a bright red colour for which FS11302 seems a good choice. The blue nose also surrounds the front cockpit wind screen and a good match is about FS15056. (No black leading edges on wing and stabilizers were seen but the nose tip is black as is the search radar fairing). The spinners are silver chrome and propeller blades light grey with yellow tips. The red-white-blue striping are decals (marked A / B), trim these to fit. Stripes are also seen on the upper wing (C) at the inboard aileron edges.

It has a large search radar fairing (see notes on first page). There are a few bulbous cabin windows (the second window from the front). Note there is no window in the rear fuselage door (so fill the kit opening). A long wire antenna runs from tail to mid fuselage and some smaller antennas were also seen.

This overall grey Do-228-201 coded MSN4059 has NO radar fairing. The remainder of the configuration is similar as the CG-3.

For the grey FS16373 seems a good match. NOTE: maybe it has 2 tints of grey, this is unclear. That COAST GUARD title and smaller badges are at a slightly different position and black nose cockpit window outlines. Mid red outlined emergency door, cornered cutting markings at rear and white outlined cockpit side window cooling windows (decals).



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