

AMX / EMBRAER A-1 Brasil

(1/72)

Designed for 1/72 scale: recommended kits Italeri AMX #1460 or #1471 for AMX-T trainer (small modifications needed)

HISTORY

The AMX was developed as a project of Aermacchi of Italia for a ground attack aircraft starting early 1970s. In 1980 Brasil joined the program with EMBRAER. AMX International, an Italian-Brazilian joint venture, was formed. It is called A-11 Ghibli by the Italian Air Force and A-1 by the Brazilian Air Force. The EMBRAER version is different with other systems and weapons capability like other now 30 mm DEFA canons. Later the EMBRAER AMX was modernized to A-1M.

Decals are for Brasil Air Force (FAB) "Força Aérea Brasileira" AMX A-1(M) jets in several schemes.

DECALS SYSTEM

The laser printed 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 VERY THIN, so slide off from the wet backing sheet on a horizontally held GLOSSY model surface.

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 under 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.

CAMOUFLAGE AND SCHEMES

The initial first standard FAB grey patterns scheme had probably upper grey (FS36280) and lower light pearl grey (FS36493) surfaces.

Nose tip, tail tip with fairing tips are black.

The later Gunship camouflage scheme has probably Gunship green (approx FS34092) with Mod Eagle grey (approx FS36176) pattern and lower surfaces.

Wing fuel tanks have often an overall FS36118 colour.

Undercarriage bays probably very light grey FS36495 with "near white" gear struts. Cockpit interior mostly light grey FS36495 and black ejection seat with dark green pack.

The stencilling, maintenance markings and items like the low-visibility strips are to be used from the kit. Do not use the NO STEPS from kit, these are provided on the sheet.

MODEL KITS

In 1/72 scale Italeri issued a good AMX kit #1460 for modelling the Italian AMX Ghibli (with 1 port canon).

To make an EMBRAER AMX A-1 some kit modifications are needed: add TWO DEFA 30 mm canons port and starboard with each a bulge.

(there is no evidence of different A-1 nose shape changes but there are a few other panel lines).

Also install the refuelling probe.

M: a later modernization program A-1M included the Scipio radar and "glass" cockpit. But the nose shape looks (almost) unchanged. Modernized jets obtained additional bulged ECM fairings on the rear fuselage and forward fuselage, an extra spine antenna and small FLIR fairing in front of the wind shield. Also, the rescue system is seen on both port and starboard sides.

See the AMX A-1 modelling report at: www.aircraftinplastic.com

SUGGESTIONS

Use smaller squares for "no step" on wing and stabilizers. Smaller stencils can be used from the kit as well as the yellow "low visibility" lights.

For the first schemes, use the coloured Brasil stars, in 6 positions (the white sections are separate).

For the camouflaged schemes, use either the open Brasil star or the closed star. Recommend to study photos.

Note also other AMX jets can be made by combining codes, numbers and badges. Tailcodes SM, SJ are also on the sheet as are some other badges.

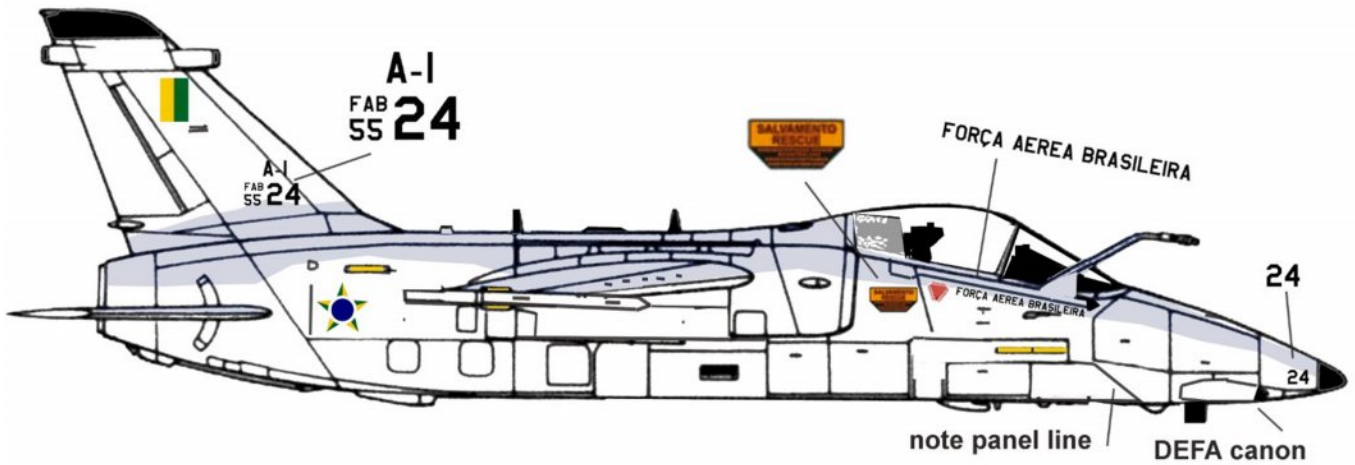
For the modernized A-1M add the ECM bulges, antennas and FLIR fairing in front of the wind shield from scrap. In the cockpit suggest some "glass" cockpit screens.

Also markings "56-52" for a A-1B two seater are on the sheet. Recommend to study photos.

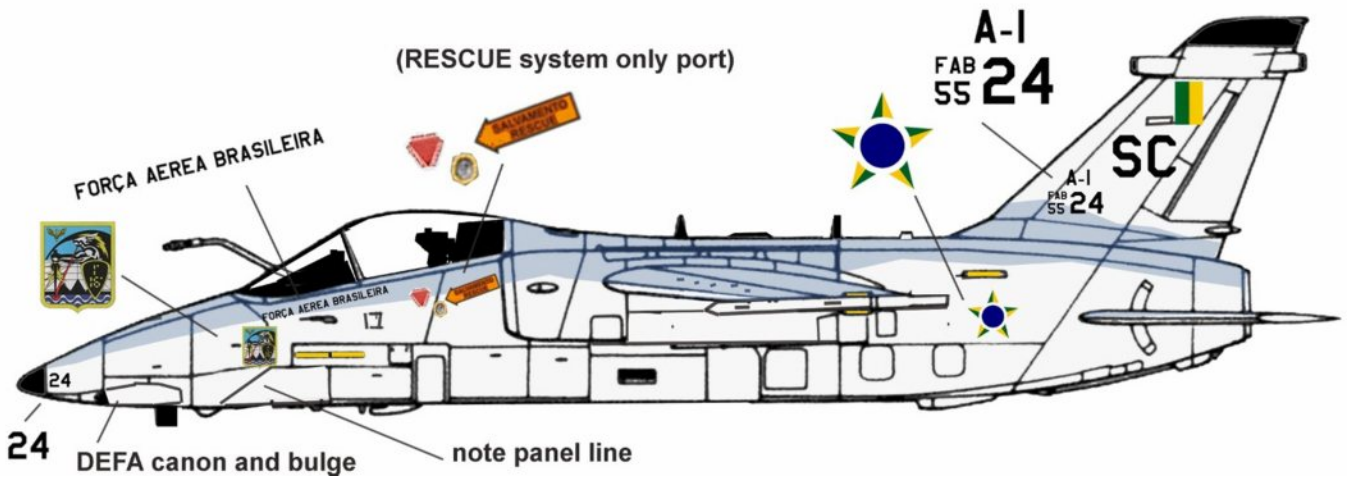
----- **STANDARD FIRST SCHEMES:**

National markings: 6 x old Brasil star

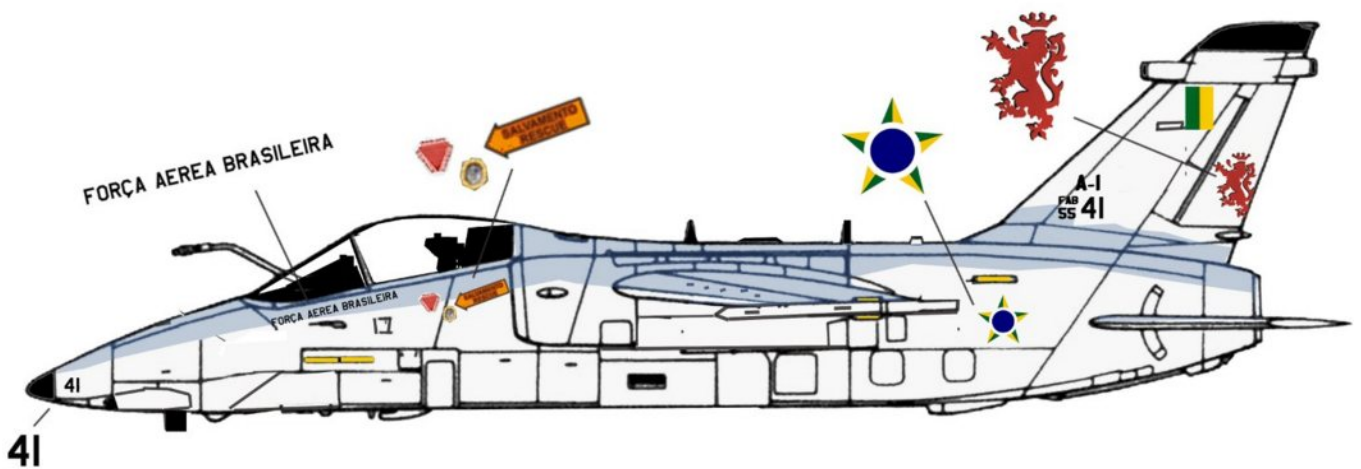
Rescue system only at port side.



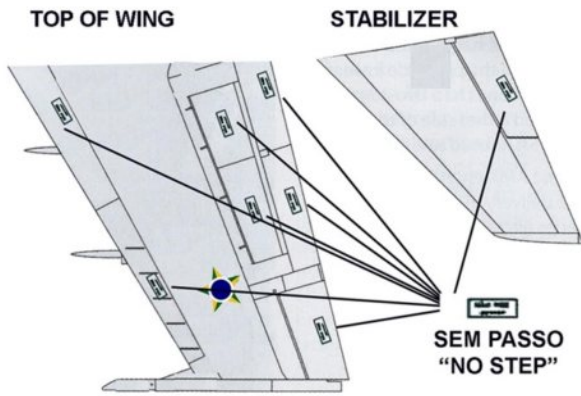
[1] A-1A, 5524, 1°/16° GAv. Adelphi, Santa Cruz, 1995



[2] A-1A, 5524 , same aircraft but now with SC code and nose badge



[3] A-1A, 5541, 1°/10° GAv. Poker, Santa Maria , 2006 , with red lion on rudder (both sides)



Locations of stars and "no step" markings wing and stabilizer (old scheme)

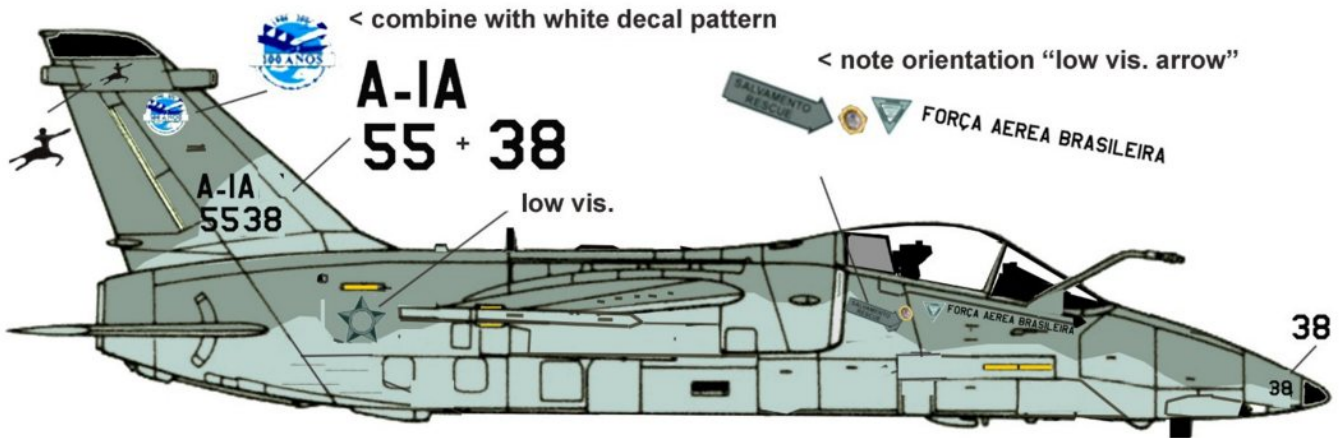
Are on the decals sheet

(symmetrical port and starboard)

CAMOUFLAGED SCHEMES :

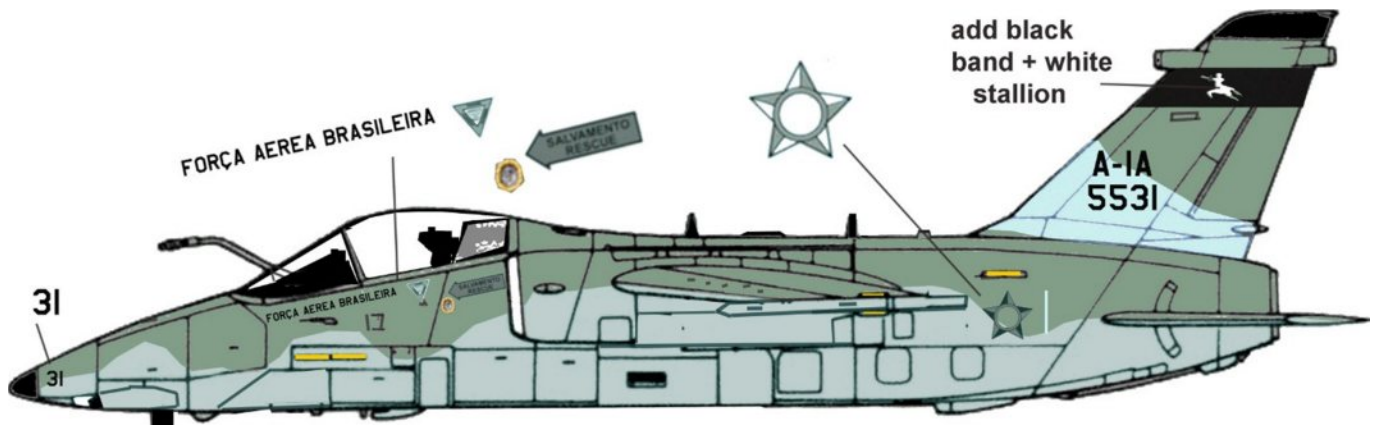
National Brasil markings: 6 x low visibility star (use the open or closed star decals)

Note later grey rescue markings at different angles and Rescue system on both port and starboard sides



[4] A-1A, 5538, 3°/10° GA. Centauro. Combine the 55 + 38 codes on the tail for 5538

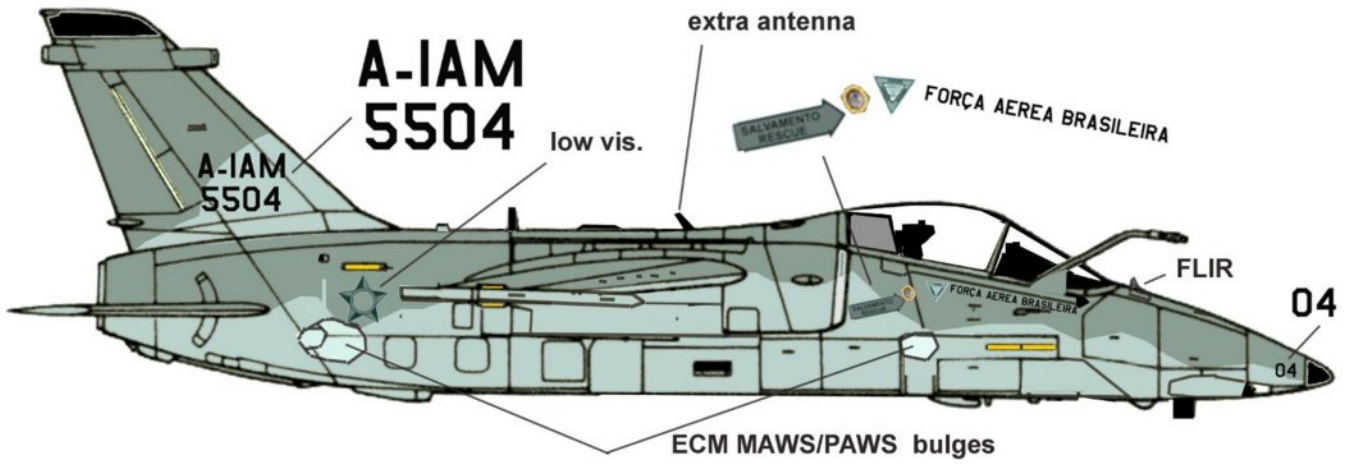
Badge for 100 Anos / years powered flight celebration on tail and black Centauro on tail.



[5] A-1A, 5531, 3°/10° GA. Centauro.

With black Centauro tail band (trim to fit) and add white stallion decal (both sides)

NOTE: Also markings "56-52" for a A-1B two seater are on the sheet. (for AMX-T kit).

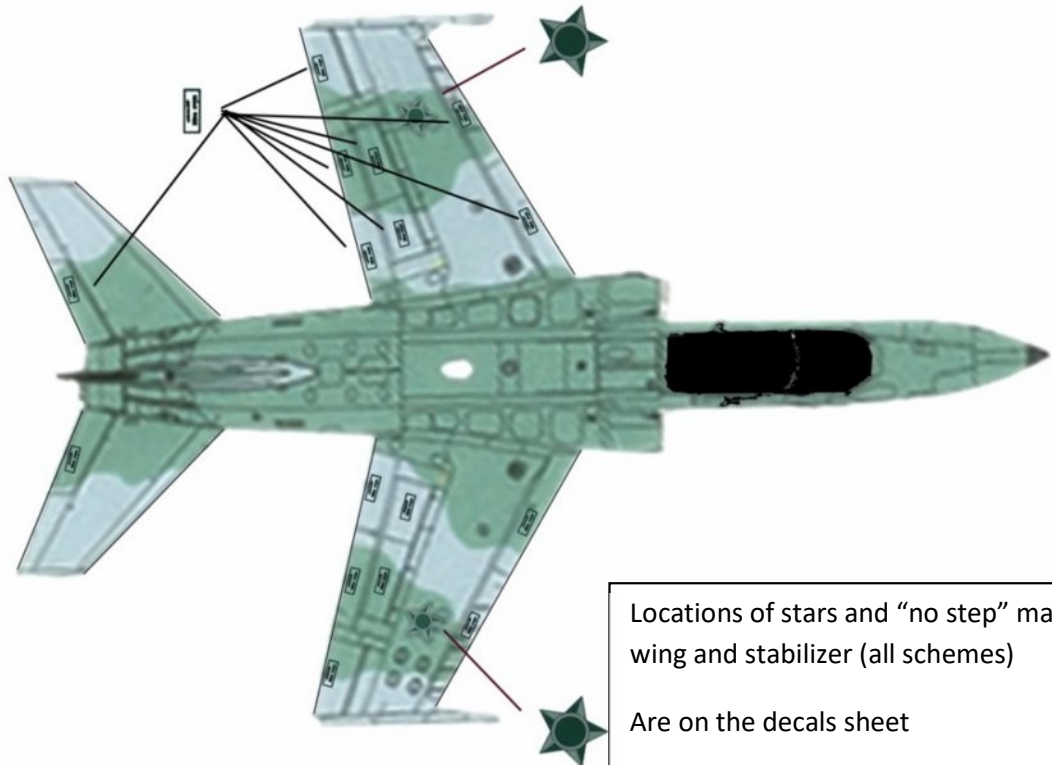


[6] A-1AM, 5504, 1°/10° GA.v. Poker, Santa Maria (sometimes also seen with red lion in 2021)

NOTE: modernized AM with 2 x 2 ECM bulges on fuselage and FLIR (and other weapons capabilities)

(Unclear if any structural re-enforcement patches were applied at modernized -M on upper fuselage. Probably not)

----- UPPER PATTERN:



Locations of stars and "no step" markings wing and stabilizer (all schemes)
 Are on the decals sheet
 (symmetrical port and starboard)

Please visit website: www.aircraftinplastic.com



© copyright 2024