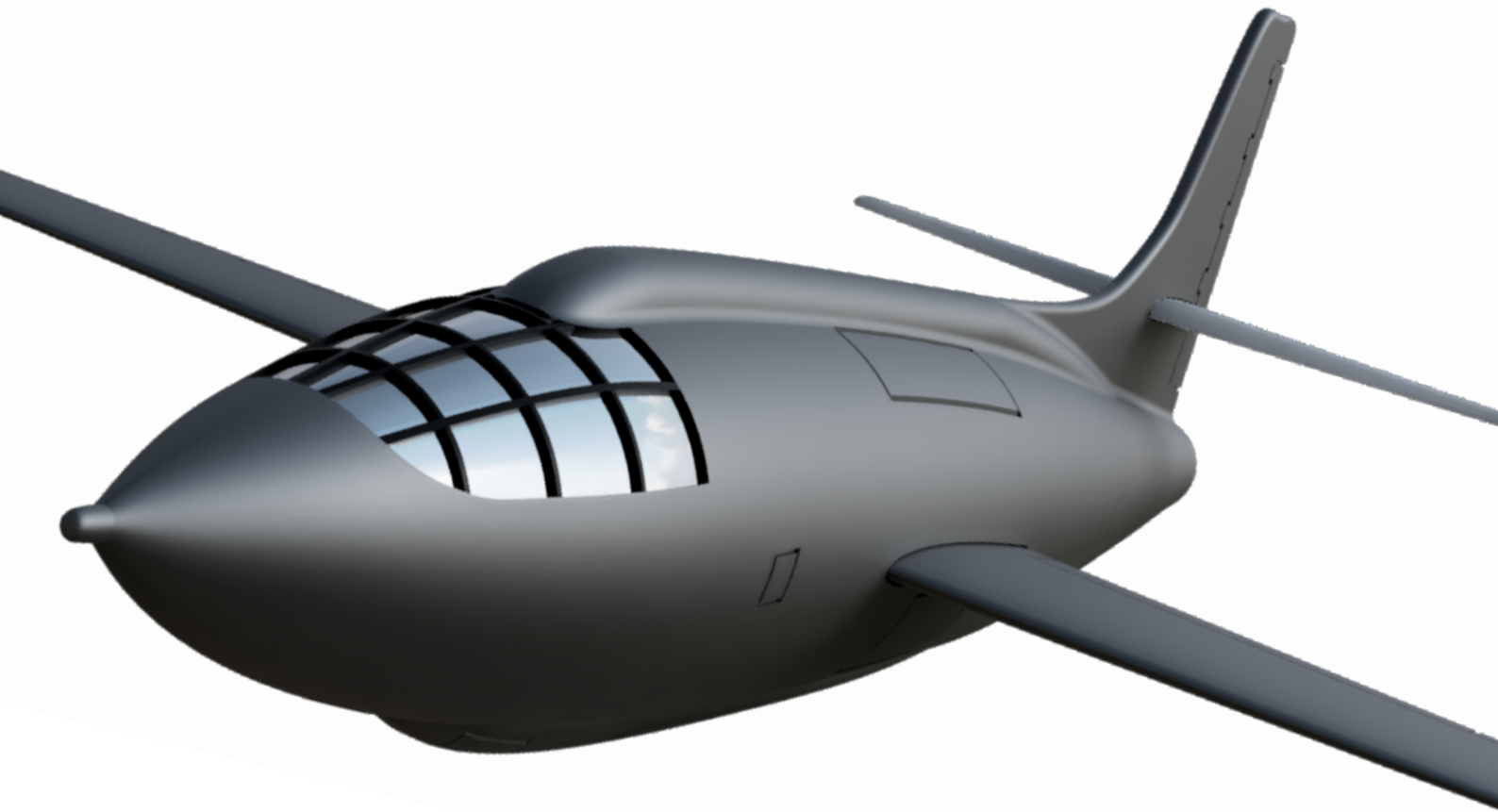


3D
PRINTED
ARMY

BELL X-1A



PRINTING & ASSEMBLY MANUAL

PRINTING

GENERAL

The **BELL X1-A** is designed to be printed by a FDM 3D printer with a standart 0.4 mm nozzle .I only test to print with PLA but i think that others filament would be also OK . For a better final quality , I recommand to print each piece individually .

Refer to the settings and pictures for placing pieces with the good orientation on the bed of your 3D printer

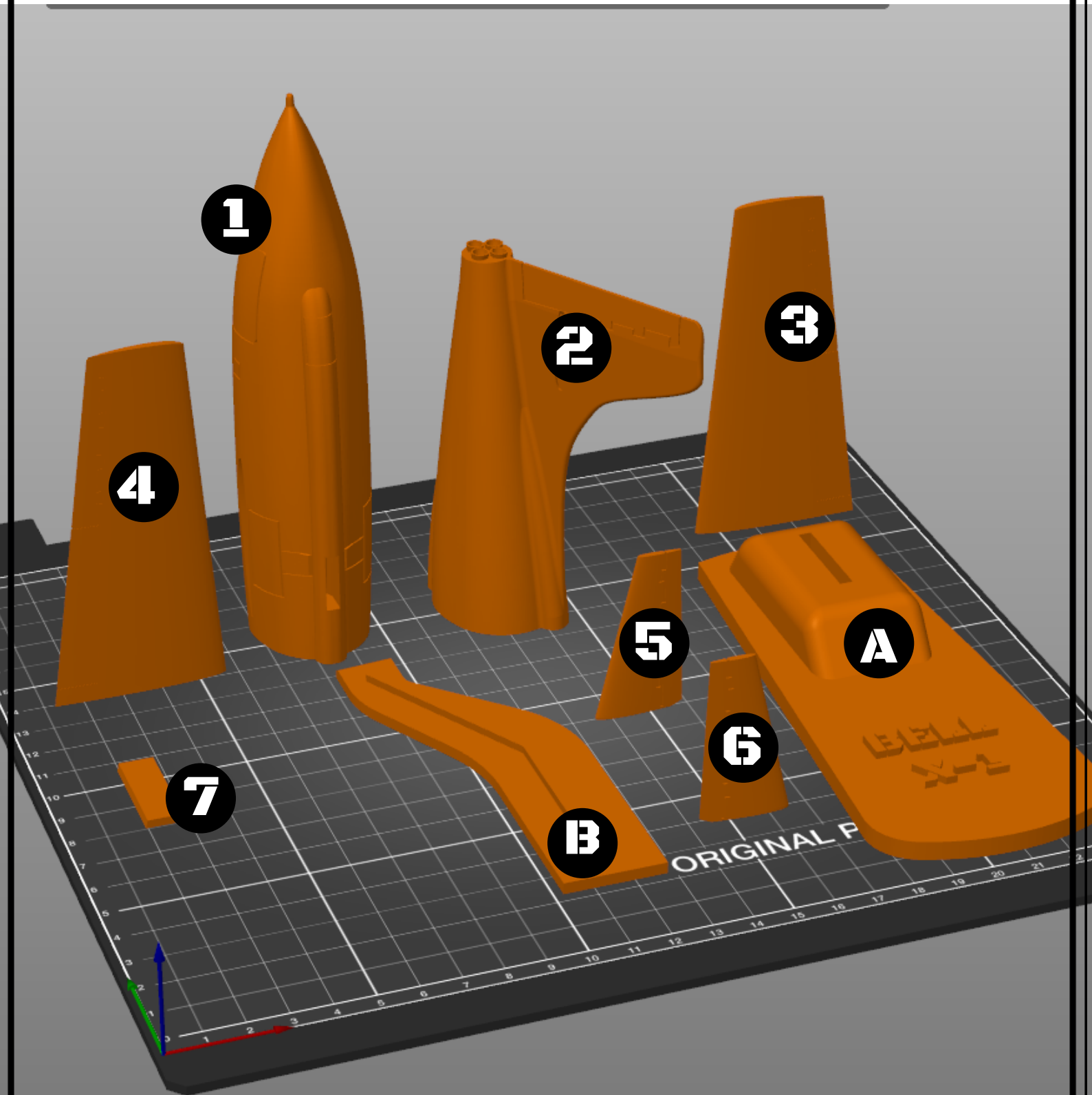
COMMON SETTINGS

Layer height	0.1 or 0.2 mm
Wall thickness	0.8 mm
Top/Bottom thickness	0.8 mm
Fan	100 %
Printing speed	50-60 mm/s
Travel speed	90 mm/s
Nozzle Temp	210 °C
Bed Temp	55 °C
Infill pattern	Gyroid
infill	10 to 20 %
Retraction	
Lenght	0.8 mm
Lift Z	0.6 mm
Speed	35 mm/s
De-retraction speed	0 mm/s
Extra-Lenght on Re-start	0 mm
Minimum travel before restart	1 mm

Brim grip for parts 01-02-03-04-05-06
DO NOT tick "detect thin walls " option

PRINTING

ORIENTATION ON THE BED



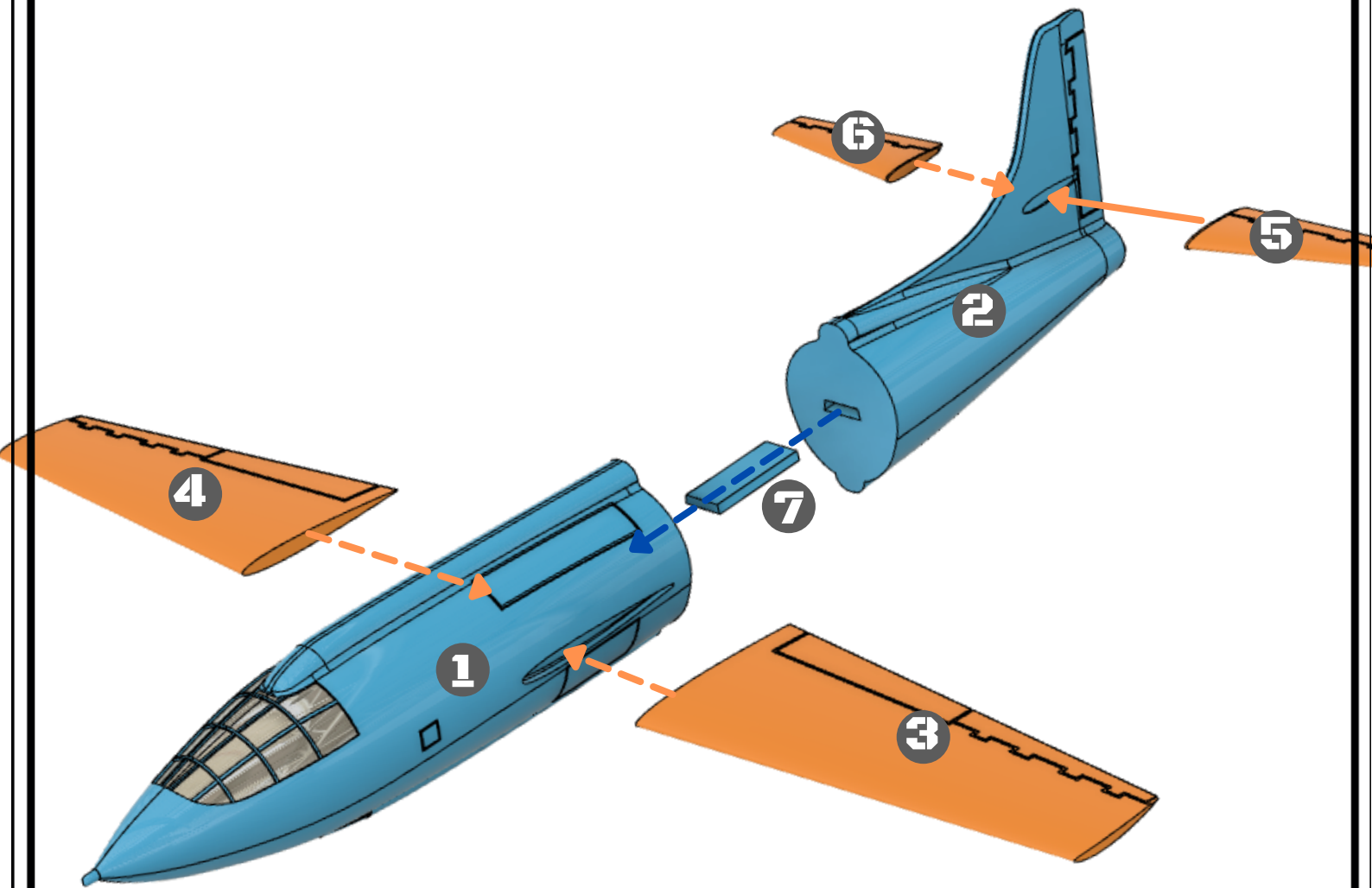
ASSEMBLING

After printing each pieces , remove excess of plastic with a cutter and in preparation of painting , sand each pieces with 120 then 240 grid sandpaper .

Before painting , apply one or 2 layer of primer special plastic i use acrylic paint to decorate my models and i start to apply the lightest color to the darkest

i glue each pieces with cyanoacrylat (CA) medium glue.
Follow next schemes for correctly assemble your model

ASSEMBLING



1ST STEP



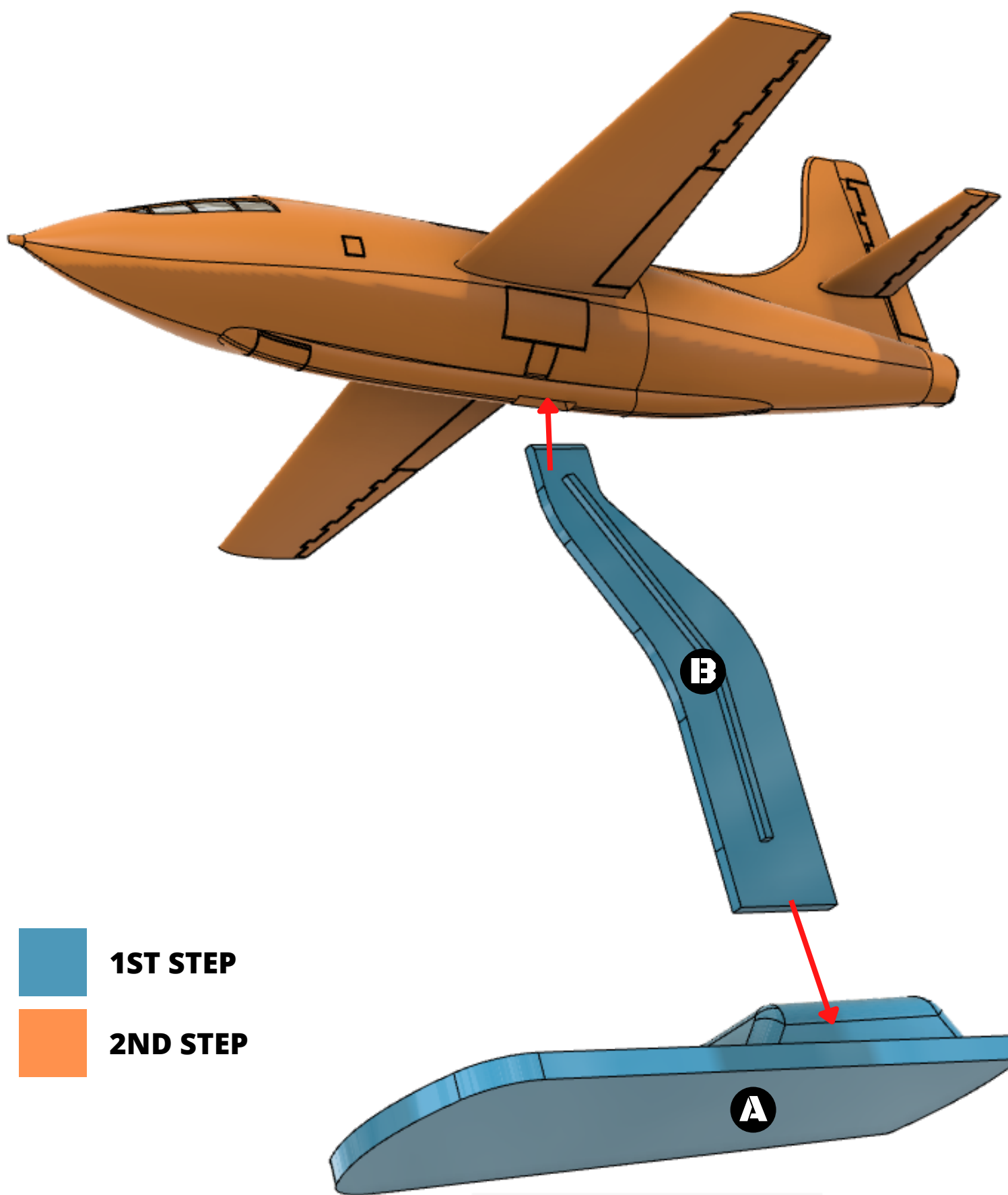
2ND STEP

**ASSEMBLY
MANUAL**

BELL X-1A

**3D
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ARMY**

ASSEMBLING



DECALS

BELL X-1A



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ENDING

Feedbacks , suggestions and more informations about the next models on my Instagram @3d_printed_army
on Pinterest : 3DprintedARMY
my Facebook page :@3DPrintedARMY

This is a model for your own use only , so please don't sell the files or the physicals prints (licence CC-BY-NC-ND international 4.0)

I spent a lot of time into researching, modeling, testing and preparing the models so if you want to see in the future more models , please share photos of the model you build on your social media and follow me on instagram , pinterest and Facebook

You can also take a look to my others amazing models on my
ETSY shop
and CULTS3D shop

HAPPY PRINT



Solid STL files

**ASSEMBLY
MANUAL**

BELL X-1A

**3D
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