TRANSPORT AIRCRAFT

C-2

INCLUDE
PAPER CRAFT

SPECIFICATION

A World-Class Transport Aircraft, Made in Japan

In 2017, after a decade of development, the C-2 transport aircraft was born. Compared to the C-1 transport aircraft the Air Self-Defense Force had been operating, the C-2 is equipped with more modern equipment, has roughly quadruple the flying range, and can carry approximately triple the payload. That means this aircraft can ferry more supplies faster and farther than its predecessor.

Overall Dimensions

Overall Length	43.9 m	(144 ft)
Overall Height	14.2 m	(46 ft 7 in)
Wing Span	44.4 m	(145 ft 8 in)

Cargo Compartment Dimensions

Cargo Compartment Length(excluding ramp)	15.65 m	(51 ft 4 in)
Cargo Compartment Height(forward from wing rear spar)	3.95 m	(13 ft)
Cargo Compartment Height(aft from wing rear spar)	4.07 m	(13 ft 4 in)
Cargo Compartment Width	4.0 m	(13 ft 1 in)

Weights

Max. Take-off Weight / Max. Design Landing Weight	141 MT	(311,100 lbs)
Empty Weight	69 MT	(151,600 lbs)

Performance

Engines	2 × CF6-80C2K1F	
Max Operating Altitude(Normal Operation)	13,100 m	(43,000 ft)
Maximum Horizontal Speed / Max Cruise Speed	0.82 / 0.81 Mach	

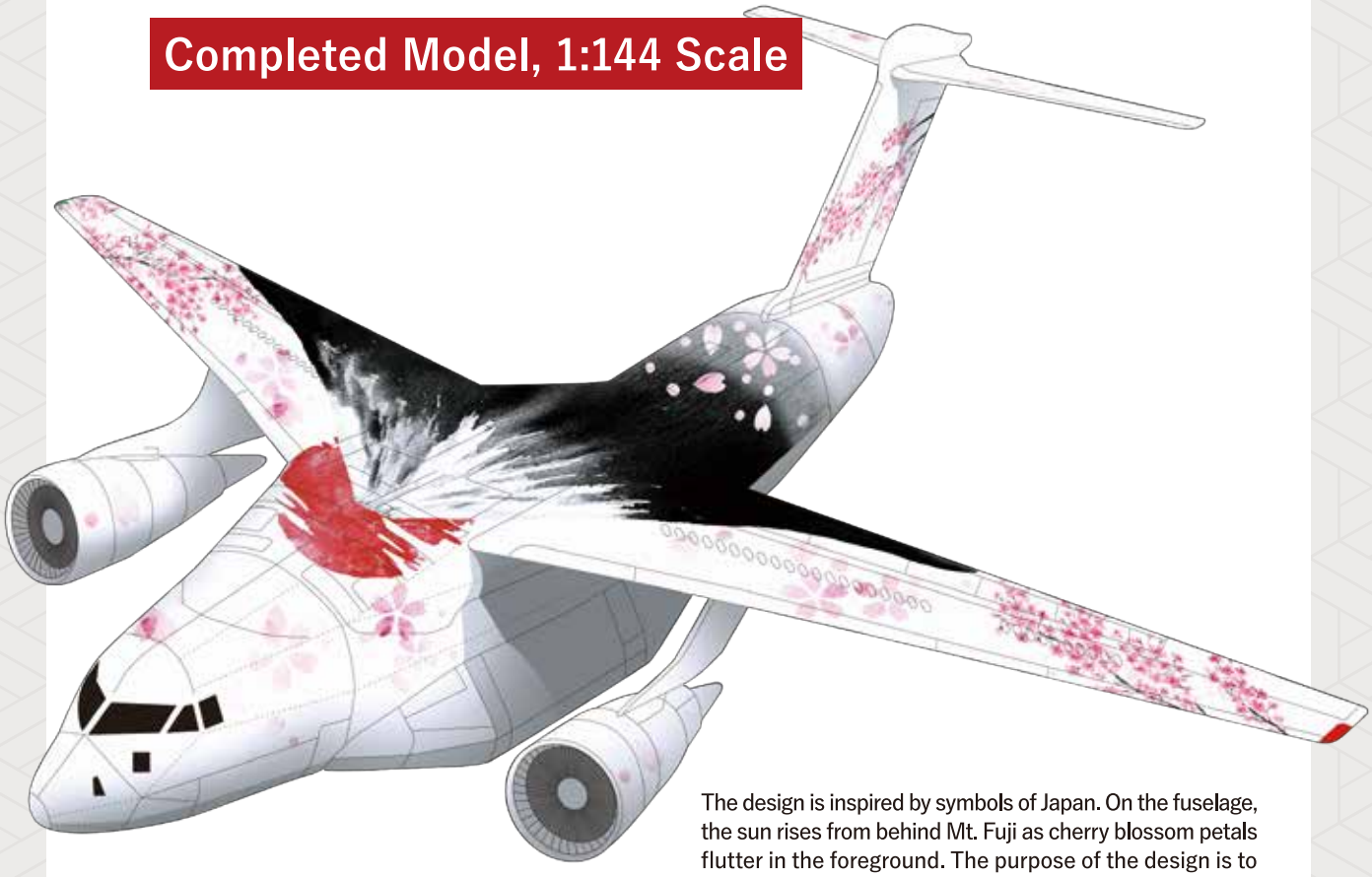
Payload - Range Performance

＊MIL-C-5011A Fuel Reserves

Range with Max. Payload(36 MT for 2.25 G)*	4,500 km	(2,400 nm)
Range with 32 MT Payload for 2.5 G*	5,300 km	(2,900 nm)
Range for Ferry Mission(NO Payload)*	9,800 km	(5,300 nm)

C-2 ORIGINAL PAPER CRAFT

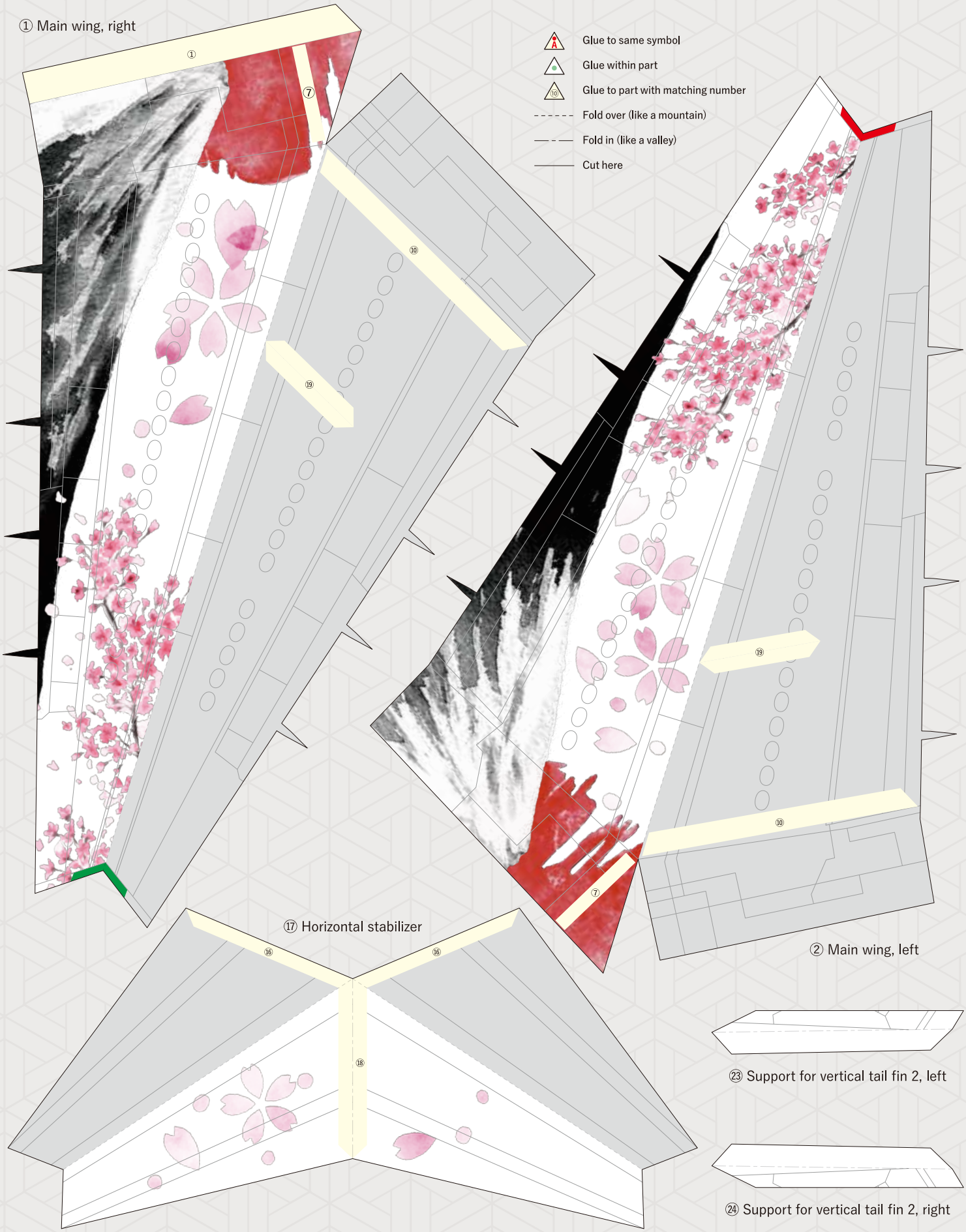
Completed Model, 1:144 Scale



The design is inspired by symbols of Japan. On the fuselage, the sun rises from behind Mt. Fuji as cherry blossom petals flutter in the foreground. The purpose of the design is to give other countries around the world the gorgeous scenery of Japan to go along with their C-2 transport aircraft.

㉖ Ornamental stand

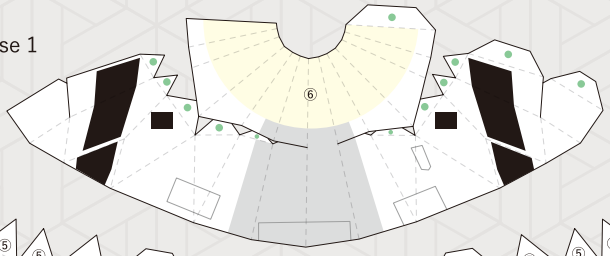
Ojimak website: "Let's Fly Paper Planes!" (Japanese only) http://ojimak01.ehoh.net/index.html


① Main wing, right
Glue to same symbol
Glue within part
Glue to part with matching number
Fold over (like a mountain)
Fold in (like a valley)
Cut here
⑰ Horizontal stabilizer
② Main wing, left
⑧ Nose weight 1

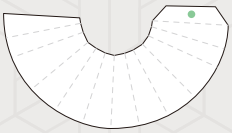
㉓ Support for vertical tail fin 2, left

㉔ Support for vertical tail fin 2, right

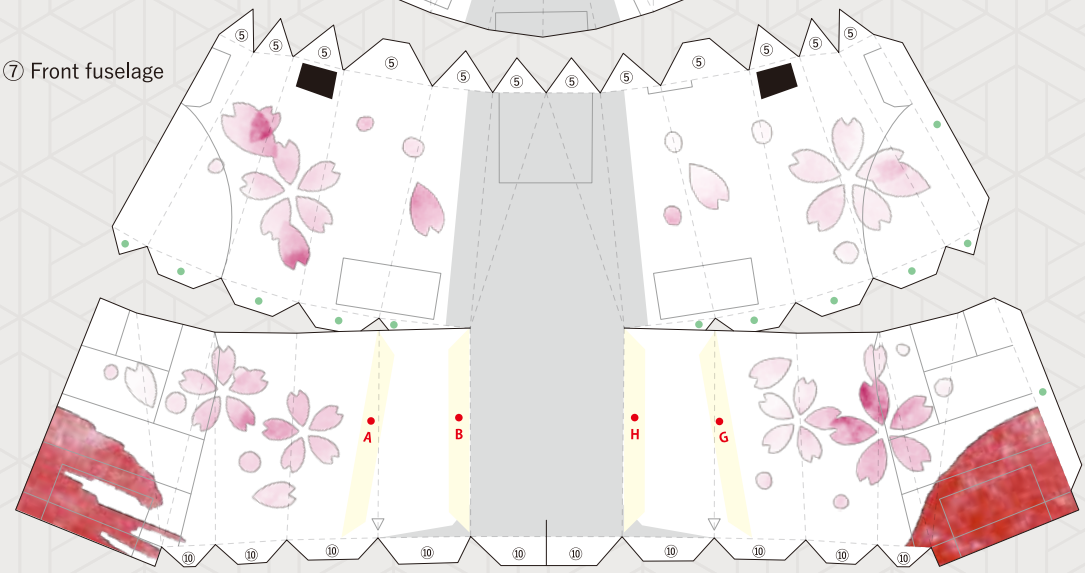
⑤ Nose 1



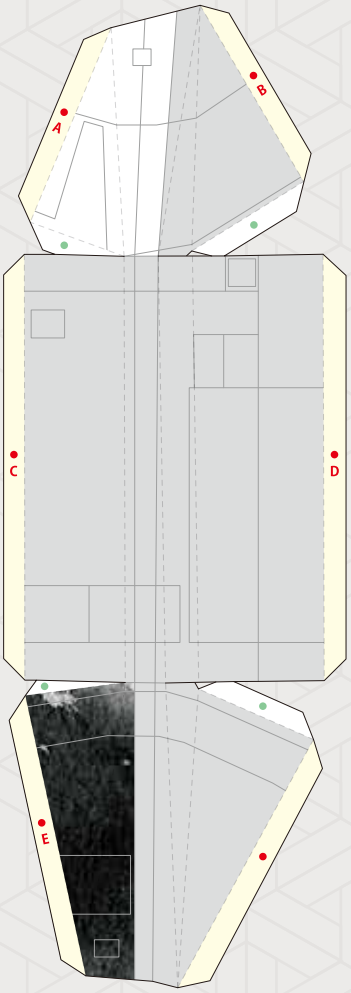
⑥ Nose 2

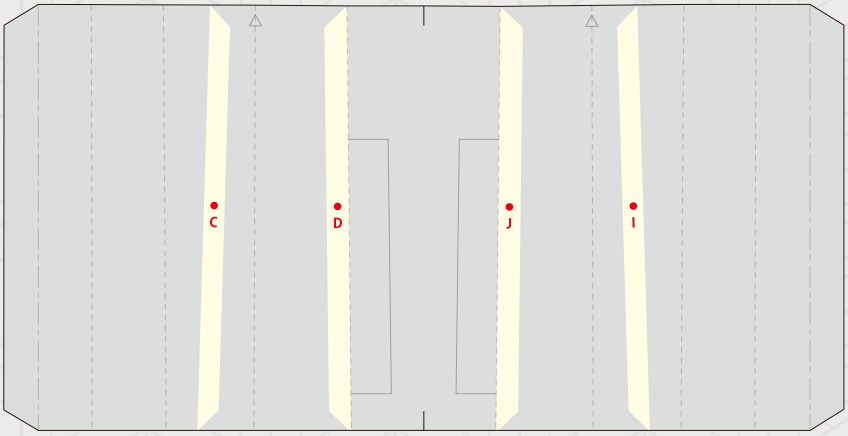


⑦ Front fuselage

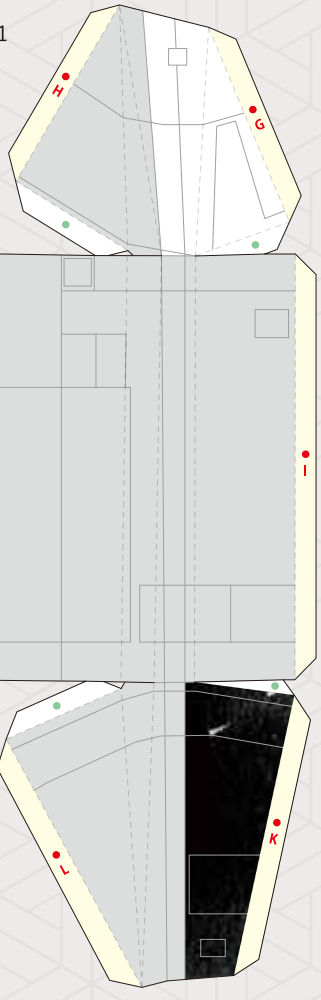


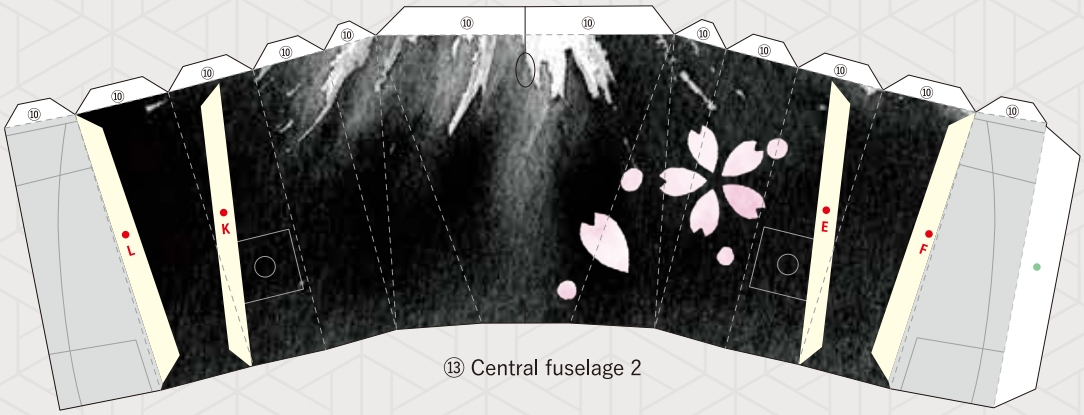
⑭ Wheel bay, right



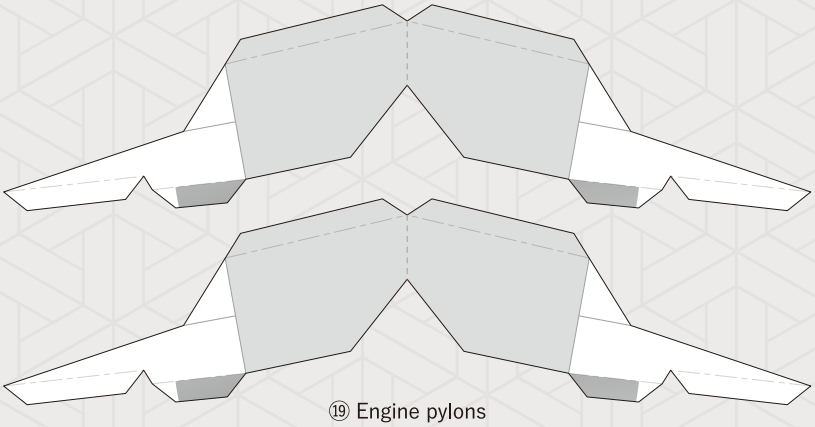


⑩ Central fuselage 1





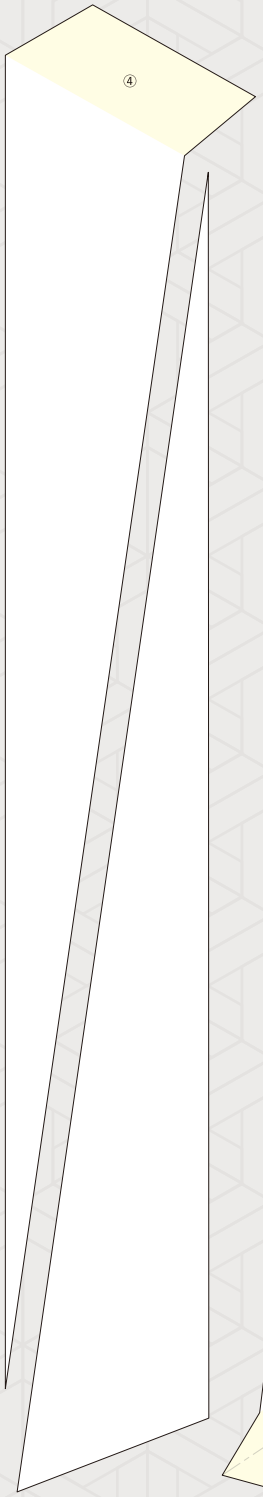
⑬ Central fuselage 2



⑲ Engine pylons

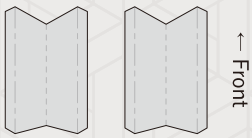
⑮ Wheel bay, left

③ Main wing support, left



④ Main wing support, right

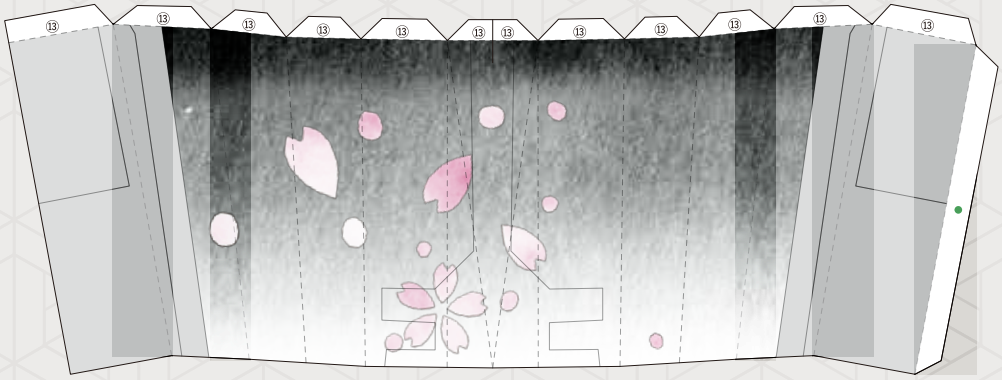
㉒ Engine fronts 2

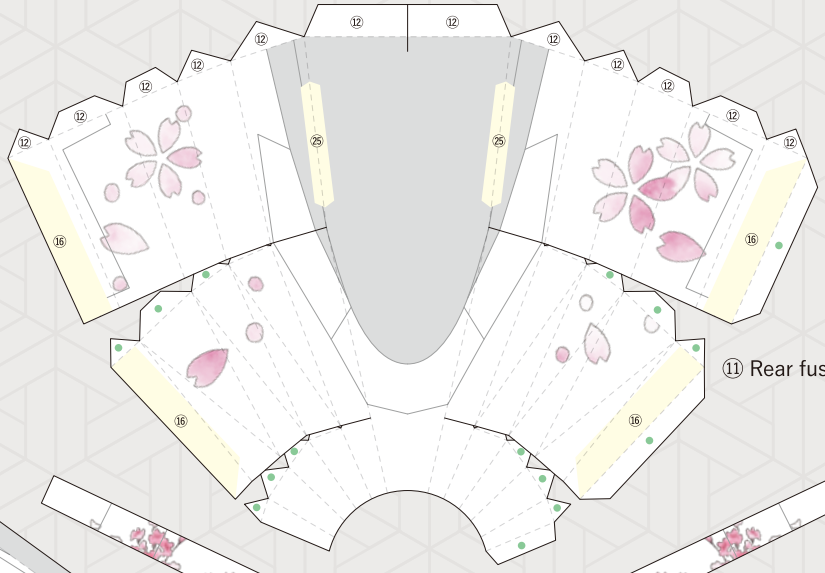


← Front

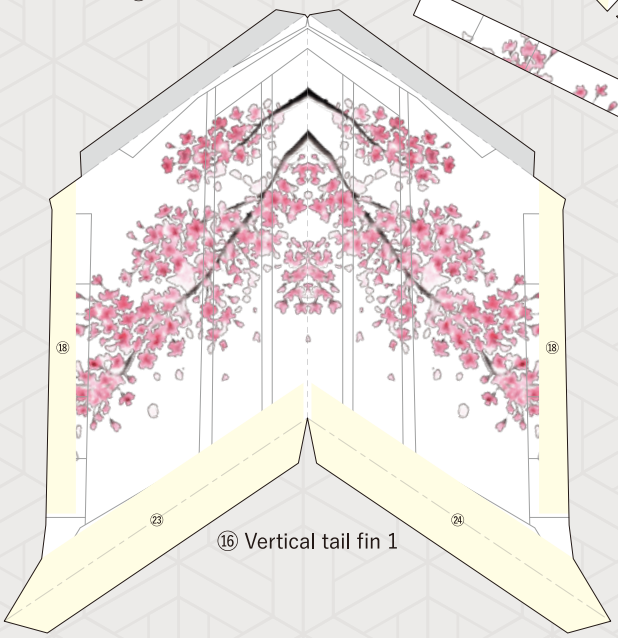
㉕ Fins

⑫ Rear fuselage 1

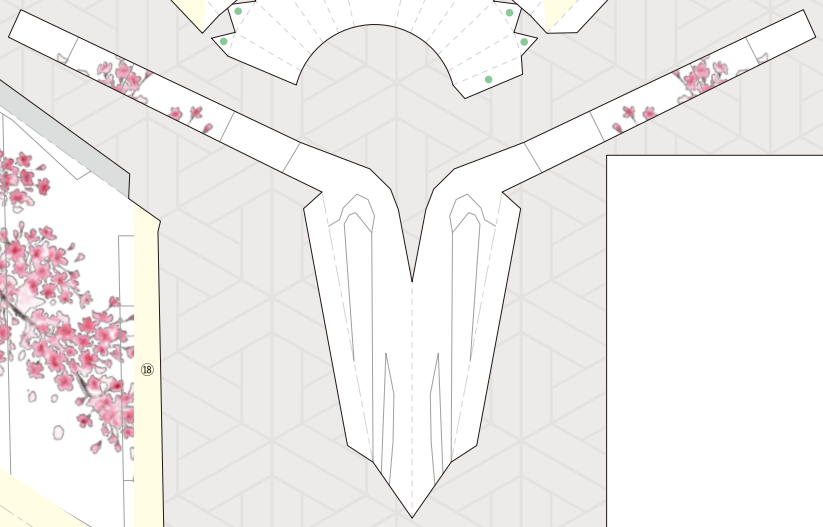




⑪ Rear fuselage 2

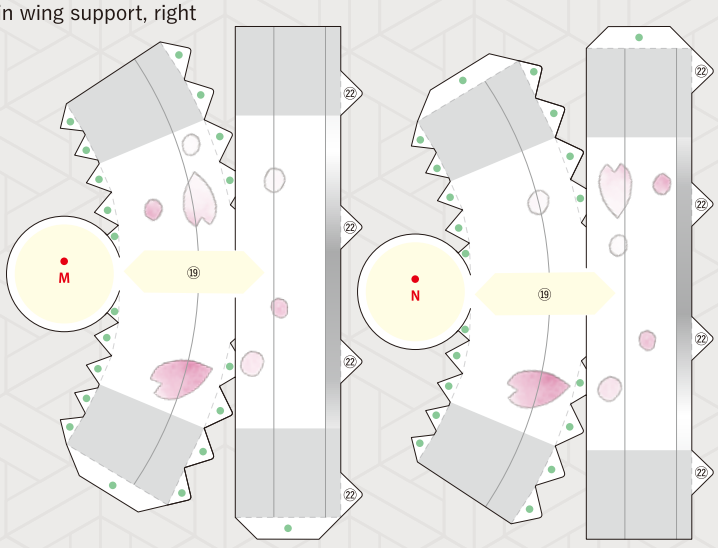


⑯ Vertical tail fin 1

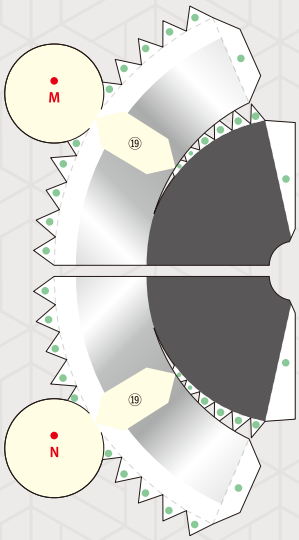


⑱ Vertical tail fin 2

⑨ Nose weight 2



⑳ Engine fronts 1



㉑ Engine rears

HOW TO MAKE

Required tools

- Adhesive: Cemedine C, quick-drying wood glue, etc.
- Knife/scissors: 45-degree art knife recommended. Regular box cutter OK.
- Cutting mat: Use to cut parts out from paper with your cutting tool.
- Ruler: Use when cutting or tracing with a needle.
- Needle: Use to make creases to fold along.
  Use a file or other such tool to round off the end of the needle so that it does not cut the paper. You can also use an empty mechanical pencil or a dry ballpoint pen.

Before assembling, use a needle or other appropriate tool to trace creases to fold along.

Fold over (like a mountain) - - - - - - Fold in (like a valley) — - — - — Cut here ————————

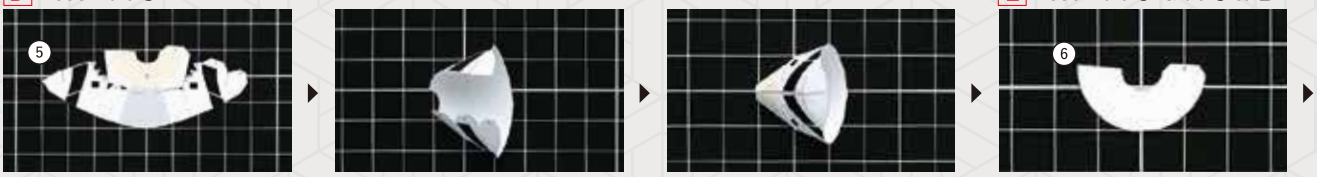
A Glue **1** and **2** together.

B Glue **3** and **4** together.

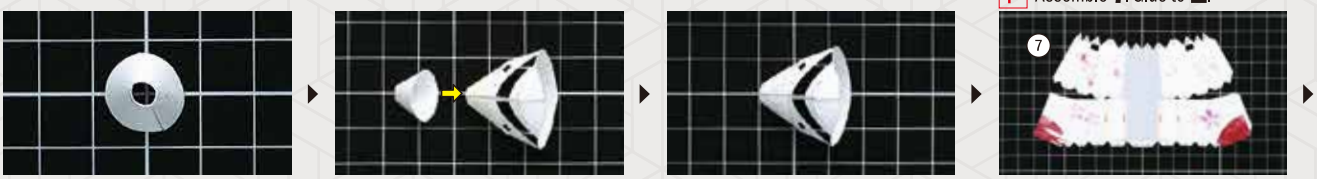
C Glue **B** to the inside of **A**. Assemble **A**.

D Assemble **5**.

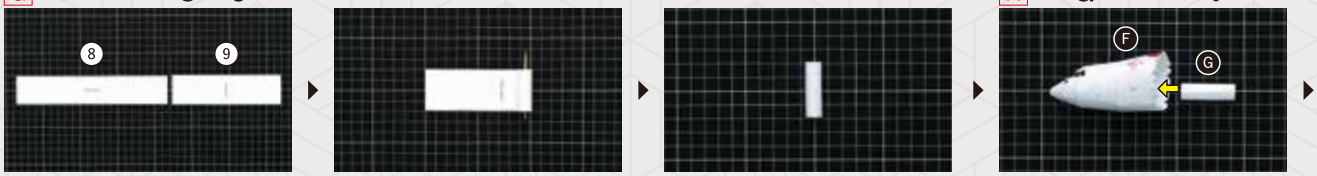
E Assemble **6**. Glue **6** to **D**.



F Assemble **7**. Glue to **E**.

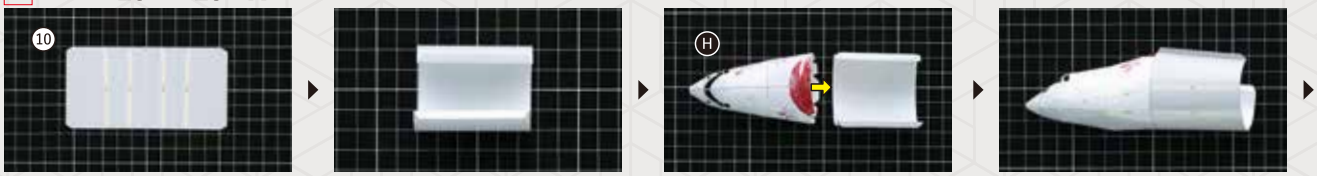


G Assemble and curl 8 and 9.



H Glue G to the inside of F.

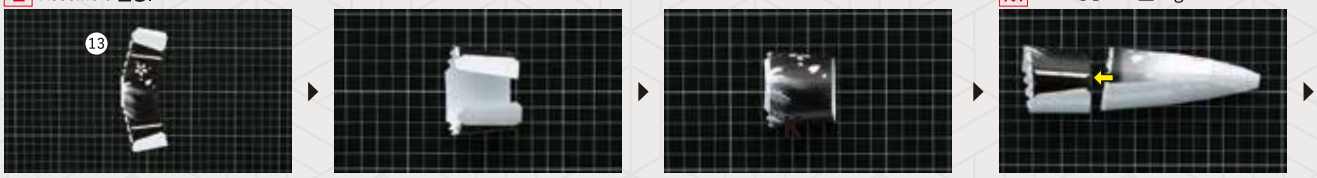
I Assemble 10. Glue 10 to H.



J Assemble 11.

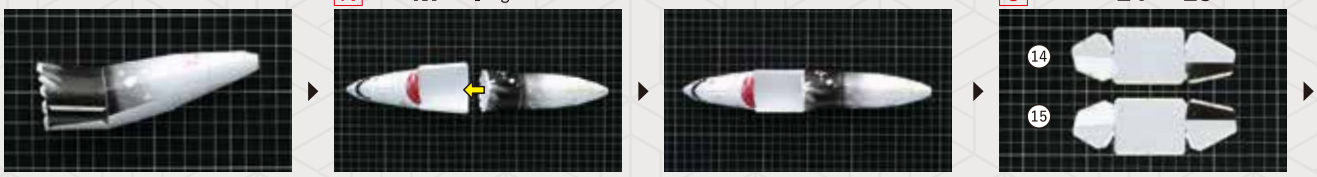
K Assemble 12. Glue 12 to J.

L Assemble 13.



M Glue K and L together.

N Glue M and I together.

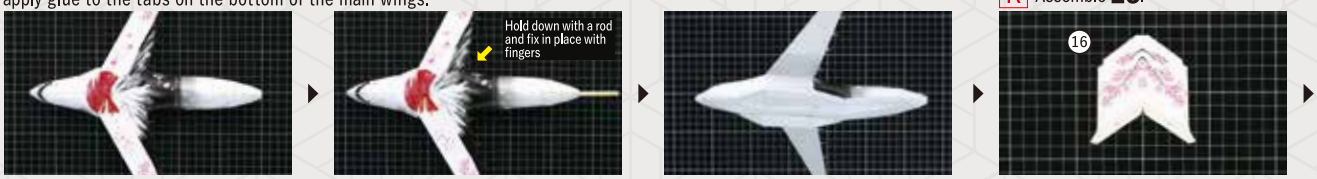


O Assemble 14 and 15.

P Glue O to N. Attach in order: K → B → F.

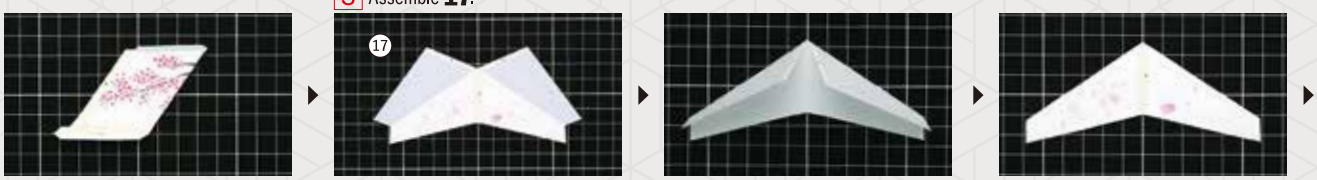
Q Apply glue to P and A.

First, glue the front. Next, align the rear with the marker line and glue together. After that, apply glue to the tabs on the bottom of the main wings.



R Assemble 16.

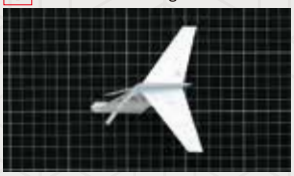
S Assemble 17.



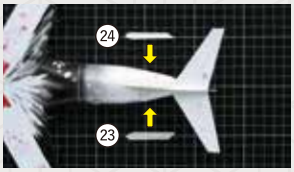
T Glue **R** and **S** together.

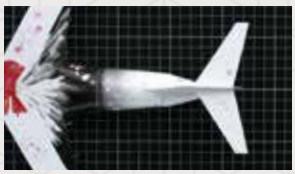
U Assemble **18**. Only apply glue to the top side.

V Glue **T** and **U** together.

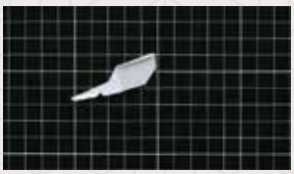


W Glue **Q** and **V** together.

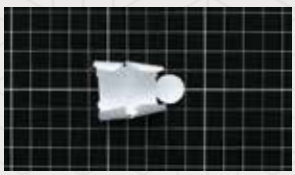


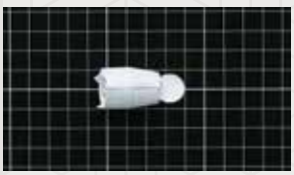


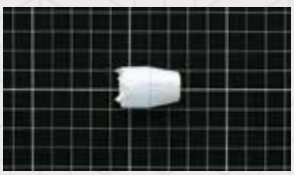
X Assemble **19**.



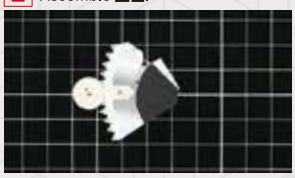
Y Assemble **20**.

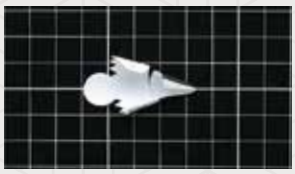


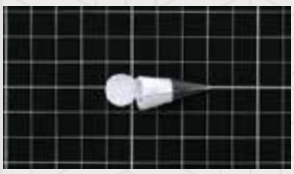


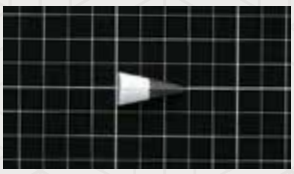


Z Assemble **21**.

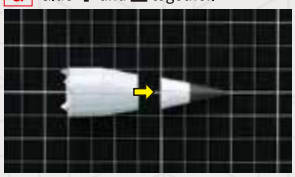




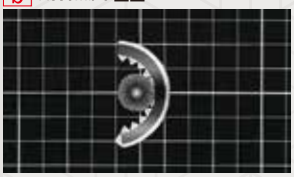


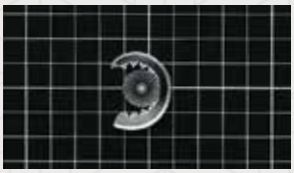


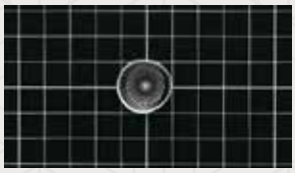
a Glue **Y** and **Z** together.



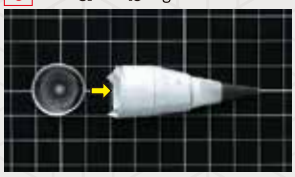
b Assemble **22**.



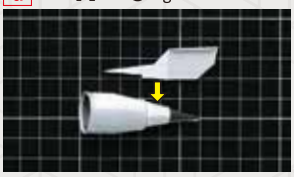




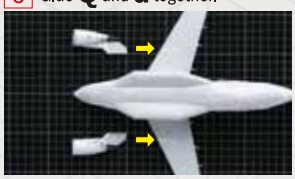
c Glue **a** and **b** together.



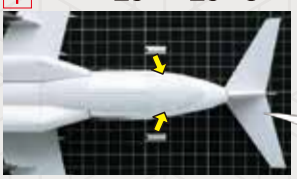
d Glue **X** and **c** together.



e Glue **Q** and **d** together.



f Assemble **25**. Glue **25** to **e**.



g Assemble **26**.

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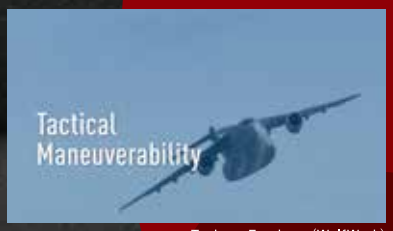
ATLA official channel
on YouTube.

風 IFU



Tsukasa Furukawa(WolfWork)

"IFU"
This is a Japanese word
that conveys strength and dignity.
A bold, dependable
transport aircraft is bringing
IFU from the land where
Mt. Fuji stands...

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