

Advanced Direct Printing Technology for Aerospace

From Fukui, Japan
to a More Sustainable Sky

Technology × Design × Sustainability

SHU-HOU CO., LTD.



A Japanese manufacturing company with MAP technology

Established

1983

Fukui, Japan

Business

- Contract manufacturing
- Printing equipment

Patents

241 patents (as end April 2026)

Awards

- 2007 Prime Minister's Award (Monodzukuri)
- 2024 Intellectual Property Achievement Award
- 2025 Order of the Rising Sun, Gold and Silver Rays

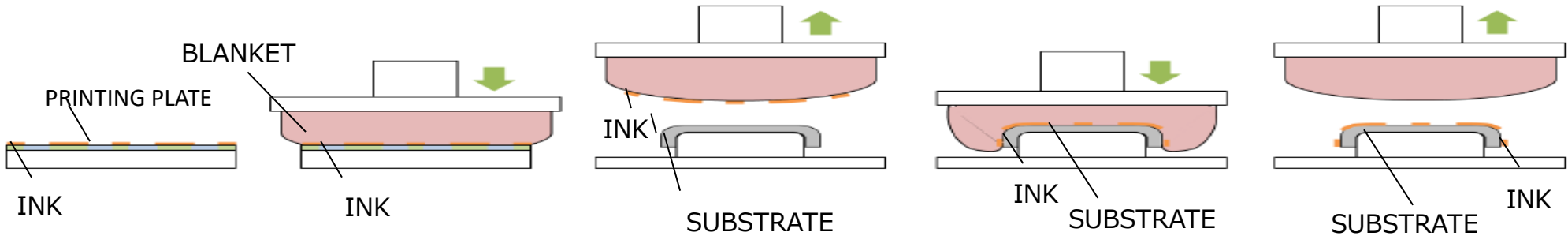


Proven in automotive and housing applications. Now exploring new possibilities in aerospace.

3 MAP — MULTI ANGLE PRINTING



Direct Printing on curved surfaces



NO FILM USED

No decorative film

HIGH PRECISION

Fine dots & positioning

FAST CHANGE

Rapid printing plate making

4 Why MAP for Aerospace?

3D SHAPES

Curved surfaces

HIGH PRECISION

Repeatable positioning

LOW VOLUME

High-mix flexibility

FAST DEVELOPMENT

Quick design changes

Potential fit for aerospace interiors & components

For Industry needs



Durable parts



Aesthetic designs



Sustainable
production



Short
lead time

Design freedom
for a higher sky



Aerospace Applications

For a wide range of aircraft components



Sidewall panels



Overhead panels



Partition panels



Seat components



Galleys and lavatory panels



Functional markings

6 A Simpler, More Flexible Process



CONVENTIONAL

SUBSTRATE

PAINTING

PRINTING

TOP COAT

MAP

SUBSTRATE

DIRECT PRINTING(MAP)

FILM FREE

No decorative film

LESS WASTE

Direct ink transfer

LOW VOLUME

High-mix
production

SHORT LEAD

Fast prototyping

Conventional (Film / Painting)

Substrate

Painting

Decorative film /
Other processes

Top coat



MAP (Direct Printing)

Substrate

Direct printing
(MAP)



7 Let's Explore Your Application

From a single part to a new possibility

1 Discuss your part

Shape, material,
requirements

2 Prototyping & proposal

Design, pattern, texture,
printing area

3 Towards production

Contract manufacturing
or MAP equipment

Together, we create
the next generation of aerospace parts.

From Fukui, Japan
to the World

