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(12) **United States Design Patent**
Levy et al.

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(45) **Date of Patent:** **** Apr. 5, 2022**

(54) **VERTICAL TAKE-OFF AND LANDING AIRCRAFT**

DESCRIPTION

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(73) Assignee: **ISRAEL AEROSPACE INDUSTRIES LTD.**, Lod (IL)

(**) Term: **15 Years**

(21) Appl. No.: **29/692,400**

(22) Filed: **May 24, 2019**

(30) **Foreign Application Priority Data**

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May 22, 2019 (IL) 63748

(51) **LOC (13) Cl.** **12-07**

(52) **U.S. Cl.**
USPC **D12/326**

(58) **Field of Classification Search**
USPC D12/1, 2, 3, 4, 16.1, 174, 319-345;
D15/436-455; D13/109

(Continued)

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Primary Examiner — John A Voytek

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(57) **CLAIM**

The ornamental design for a vertical take-off and landing aircraft, as shown and described.

FIG. 1 is a front perspective view of a first embodiment for a new design for a vertical take-off and landing aircraft, with engines at vertical position;
FIG. 2 is a top view of the design seen in FIG. 1, with engines at vertical position;
FIG. 3 is a front view of the design seen in FIG. 1, with engines at vertical position;
FIG. 4 is a rear view of the design seen in FIG. 1, with engines at vertical position;
FIG. 5 is a right side view of the design seen in FIG. 1, with engines at vertical position;
FIG. 6 is a left side view of the design seen in FIG. 1, with engines at vertical position;
FIG. 7 is a bottom view of the design seen in FIG. 1, with engines at vertical position;
FIG. 8 is a bottom and rear perspective view of the design seen in FIG. 1, with engines at vertical position;
FIG. 9 is a bottom and rear perspective view of the design seen in FIG. 1, with engines at horizontal position;
FIG. 10 is a left and front perspective view of the design seen in FIG. 1, with engines at horizontal position;
FIG. 11 is a right and front perspective view of the design seen in FIG. 1, with engines at horizontal position;
FIG. 12 is a front perspective view of a second embodiment for a new design for a vertical take-off and landing aircraft with engines at vertical position;
FIG. 13 is a top view of the design seen in FIG. 12, with engines at vertical position;
FIG. 14 is a front view of the design seen in FIG. 12, with engines at vertical position;
FIG. 15 is a right side view of the design seen in FIG. 12, with engines at vertical position;
FIG. 16 is a rear view of the design seen in FIG. 12, with engines at vertical position;
FIG. 17 is a left side view of the design seen in FIG. 12, with engines at vertical position;
FIG. 18 is a top view of the design seen in FIG. 12, with engines at vertical position;
FIG. 19 is a bottom view of the design seen in FIG. 12, with engines at vertical position;
FIG. 20 is a bottom and rear perspective view of the design seen in FIG. 12, with engines at vertical position;

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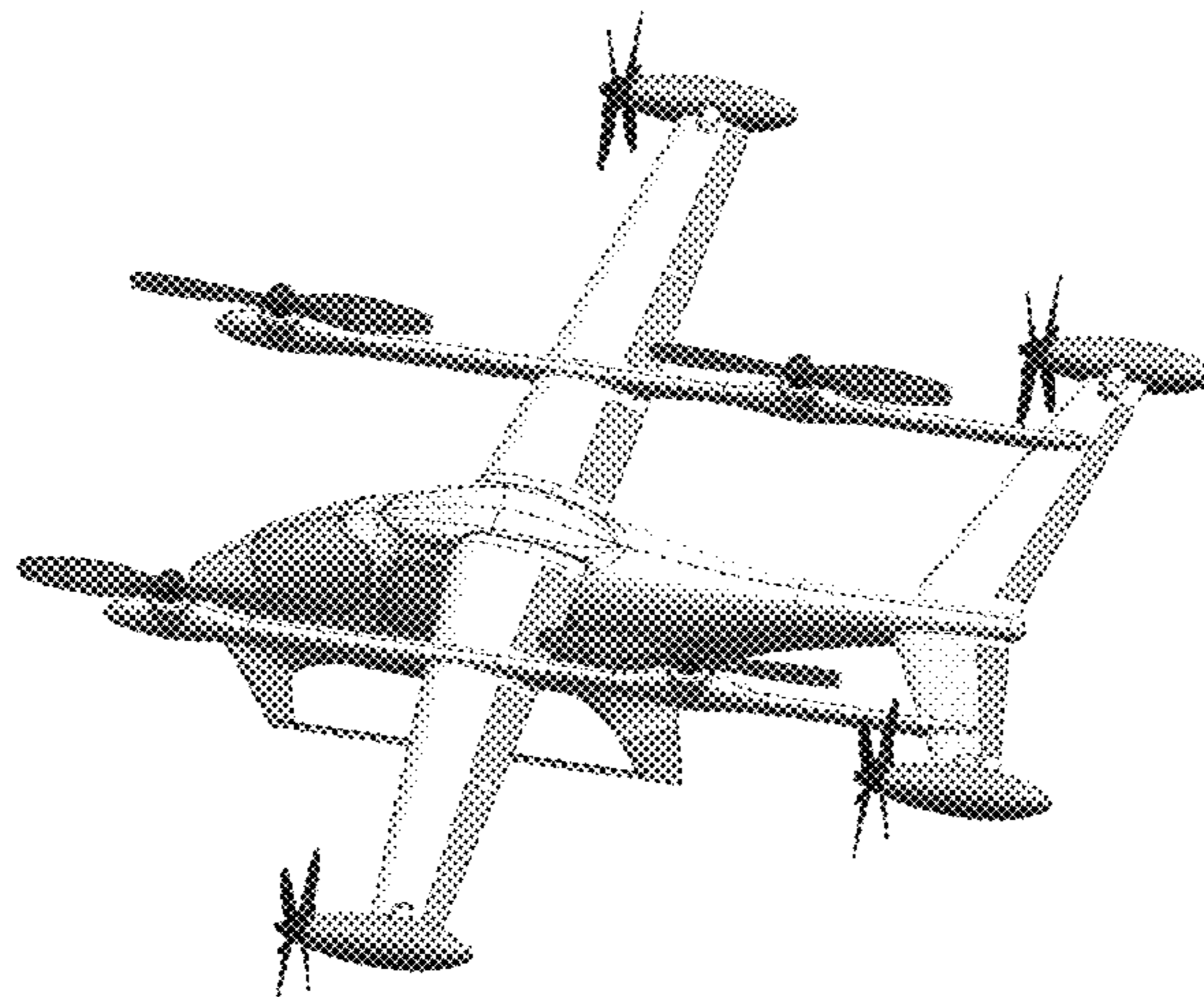


FIG. 21 is a bottom and left perspective view of the design seen in FIG. 12, with engines at horizontal position; and, FIG. 22 is a top and rear perspective view of the design seen in FIG. 12, with engines at horizontal position.

The part of the photograph shown in a coarse dot pattern, along with the broken-line perimeter illustrates a portion of the vertical take-off and landing aircraft vehicle that forms no part of the claimed design.

1 Claim, 22 Drawing Sheets

(58) **Field of Classification Search**

CPC B64C 29/0033; B64C 2201/021; B64C
29/02; B64C 2201/088; B64C 2201/104;
B64C 2201/141

See application file for complete search history.

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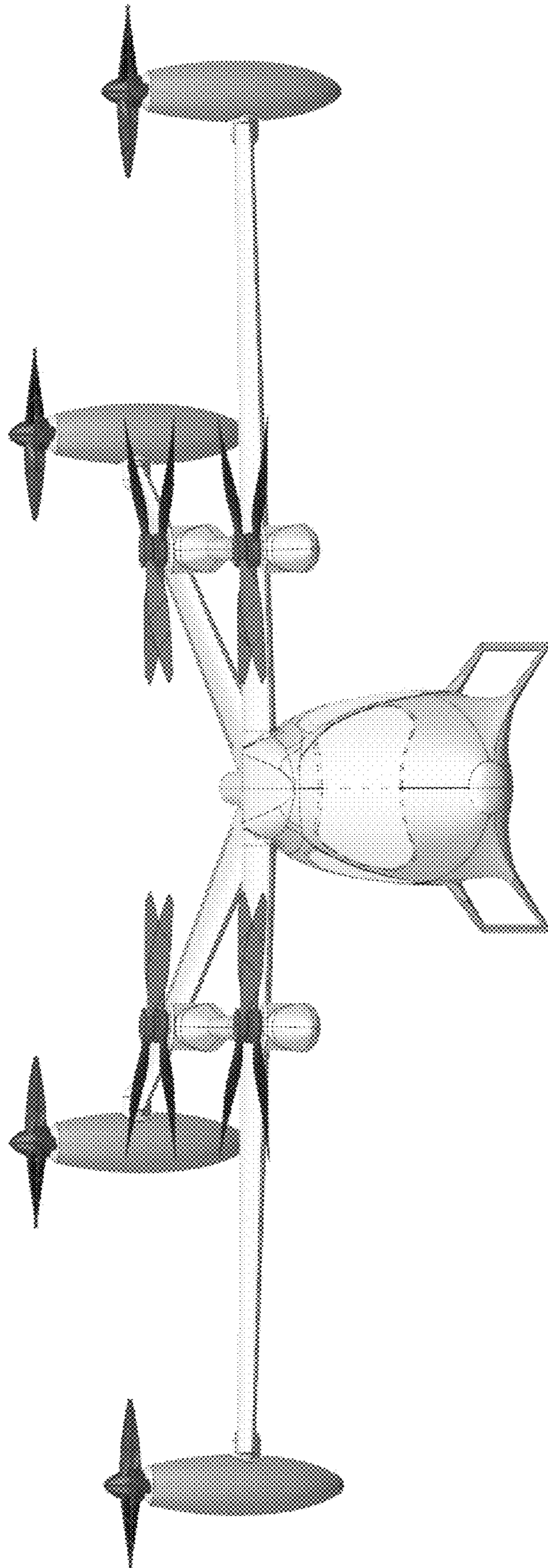


FIG. 1

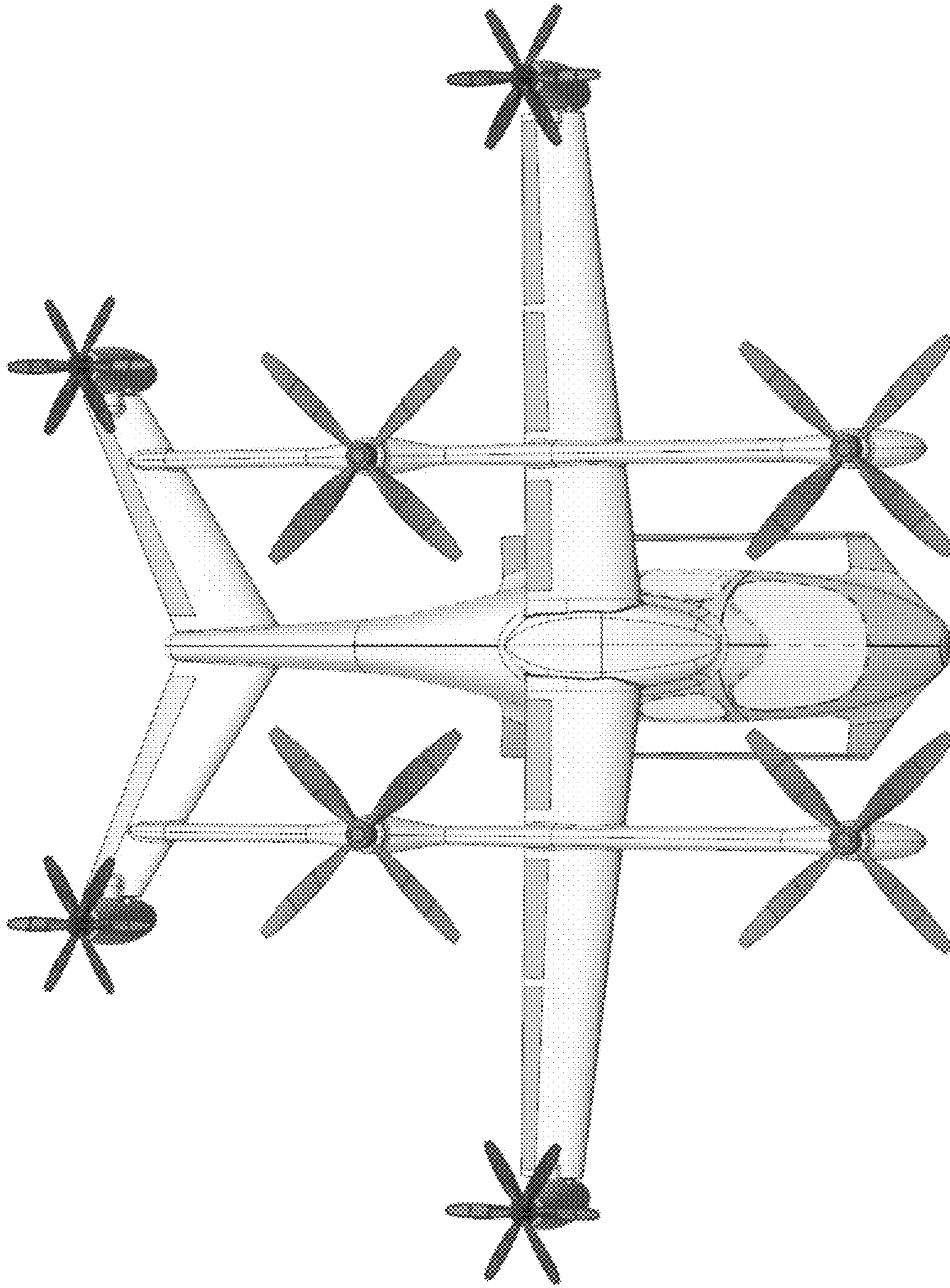


FIG. 2

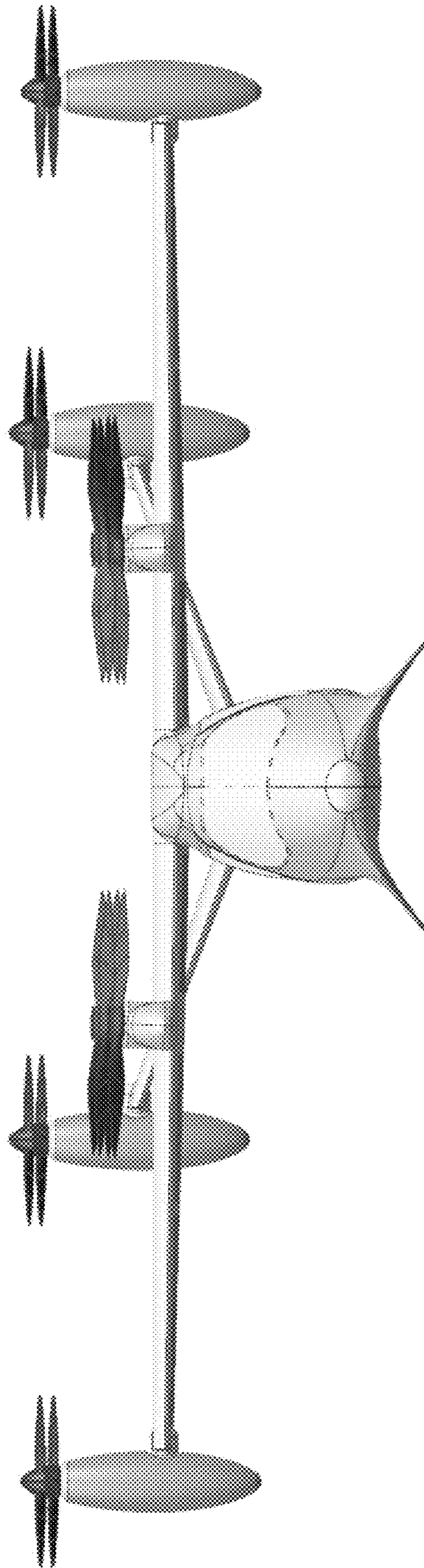


FIG. 3

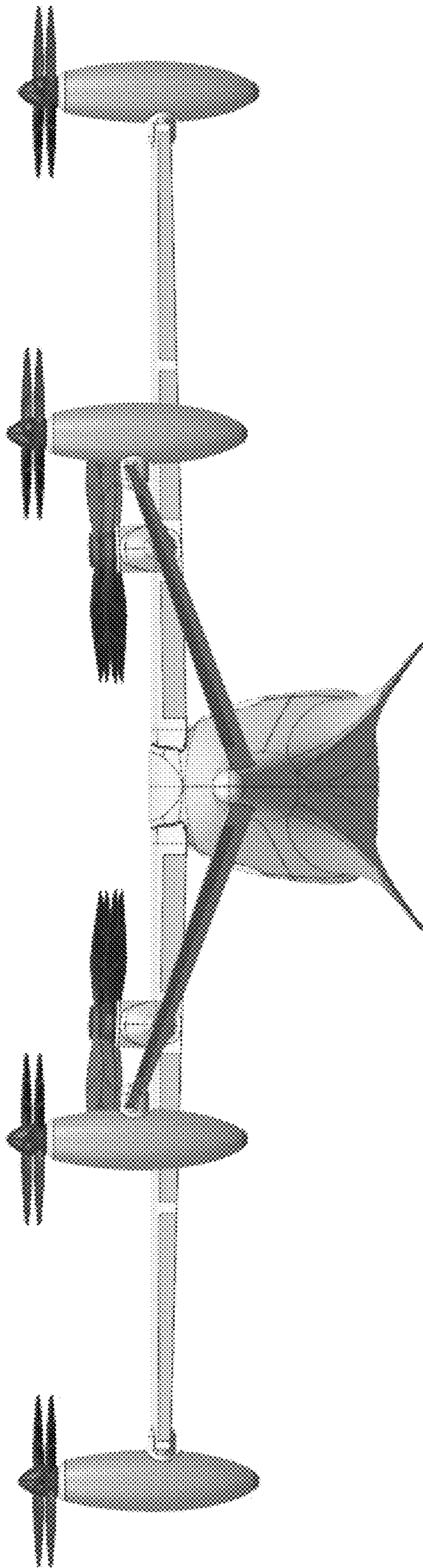


FIG. 4

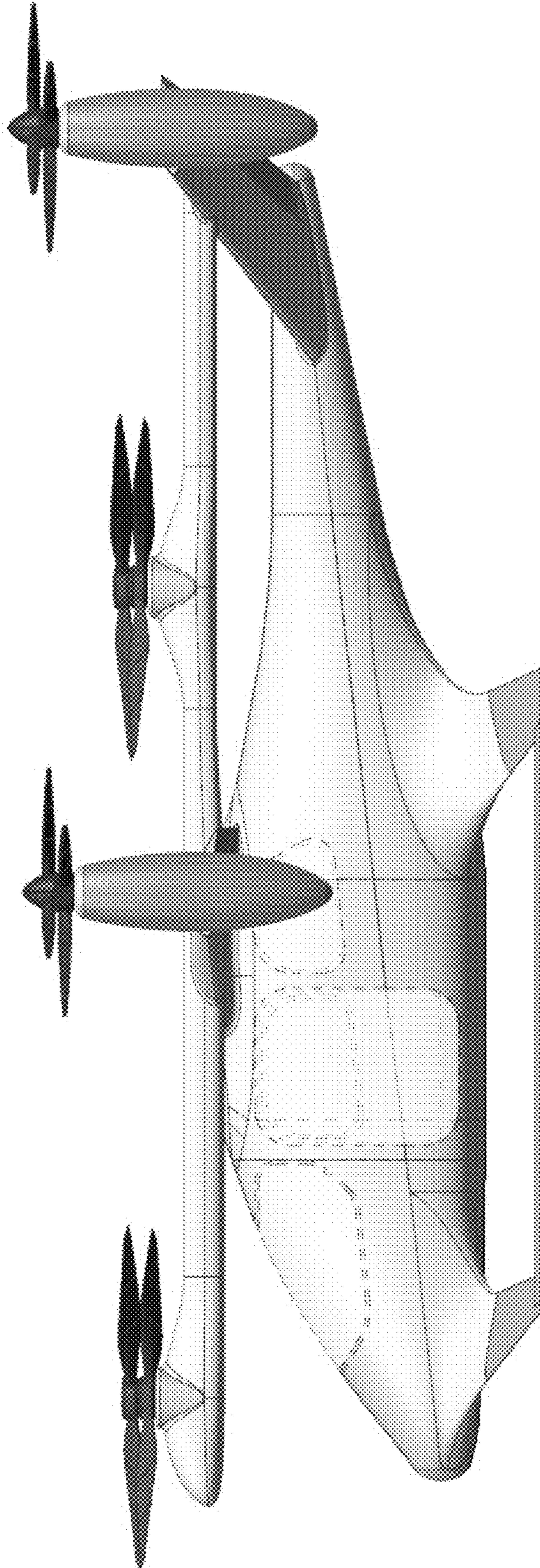


FIG. 5

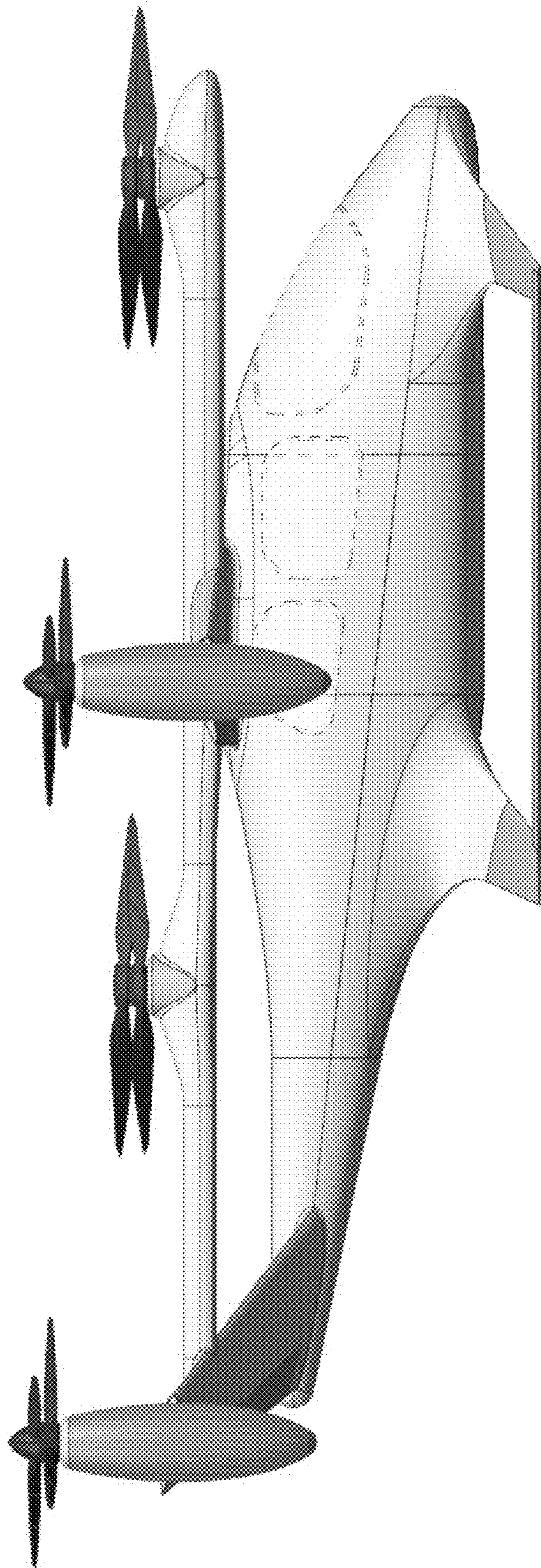


FIG. 6

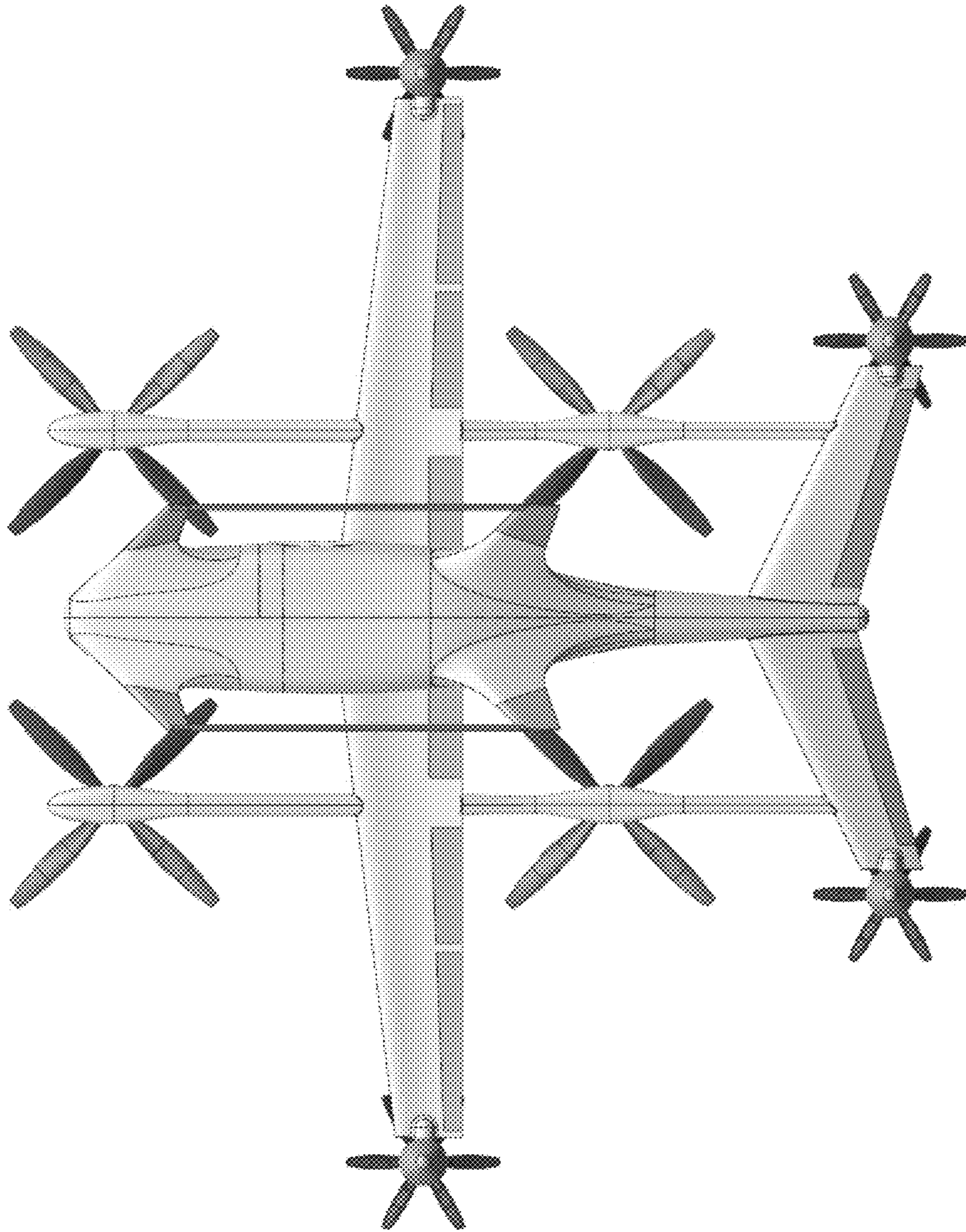


FIG. 7

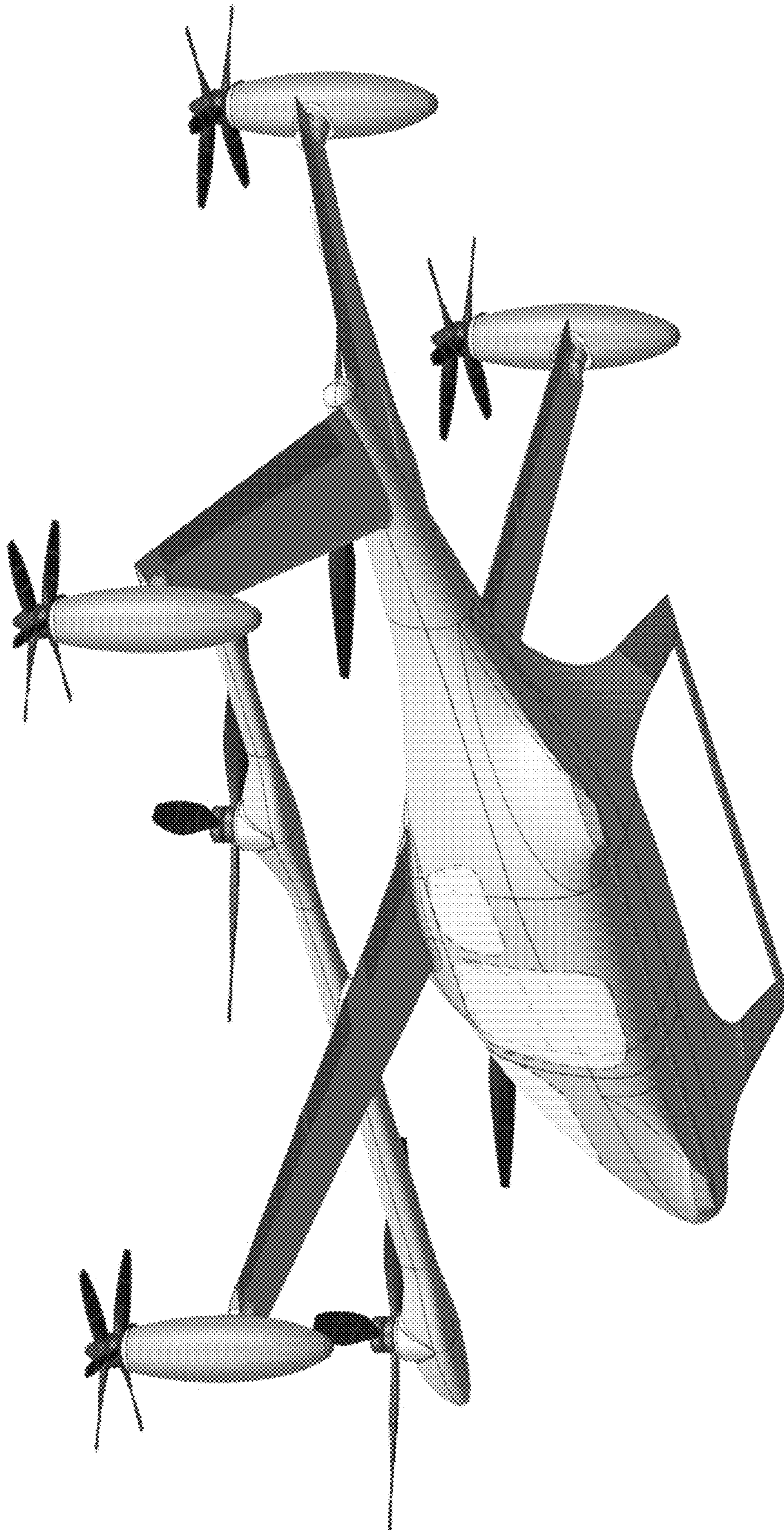


FIG. 8

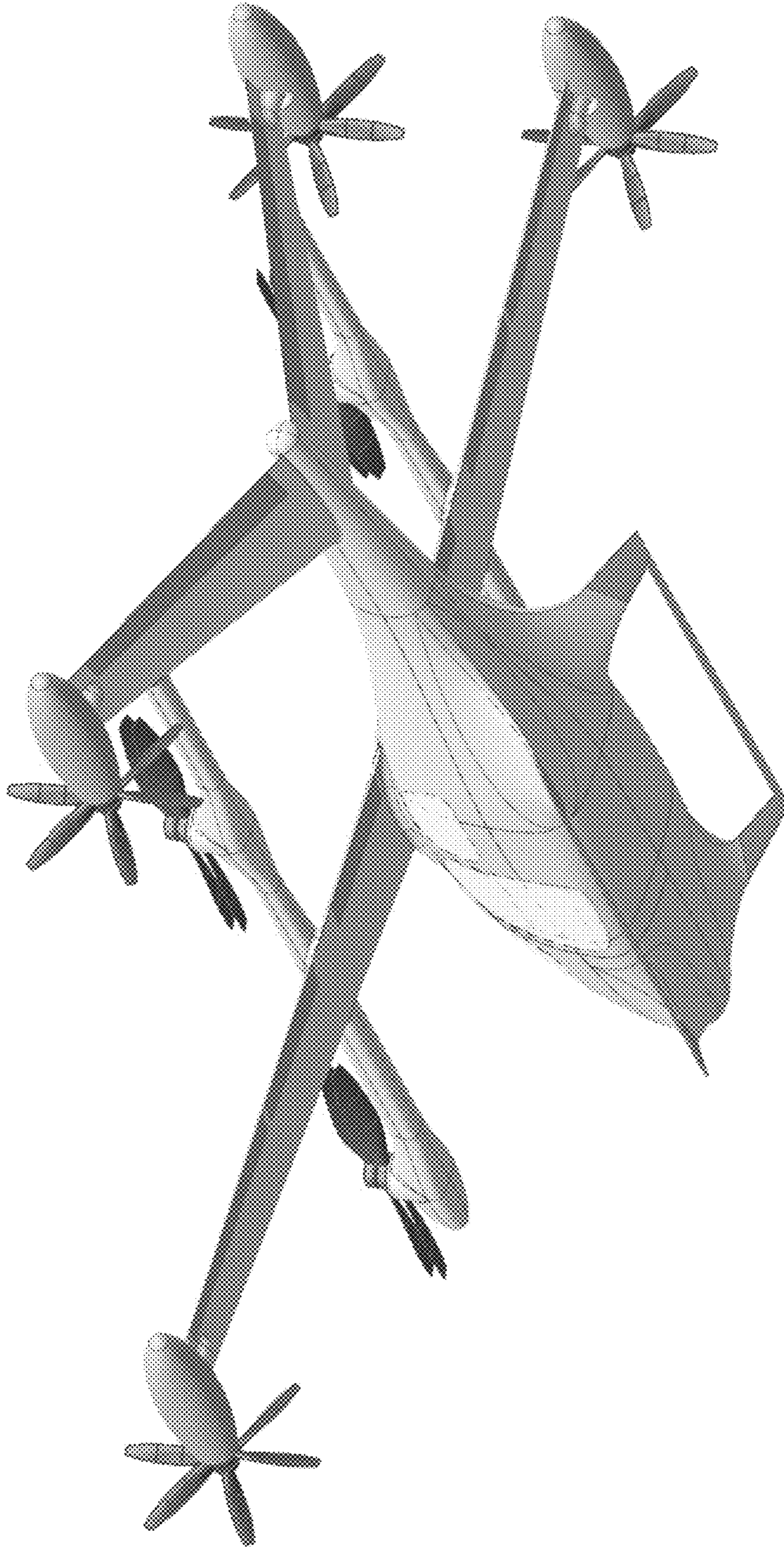


FIG. 9

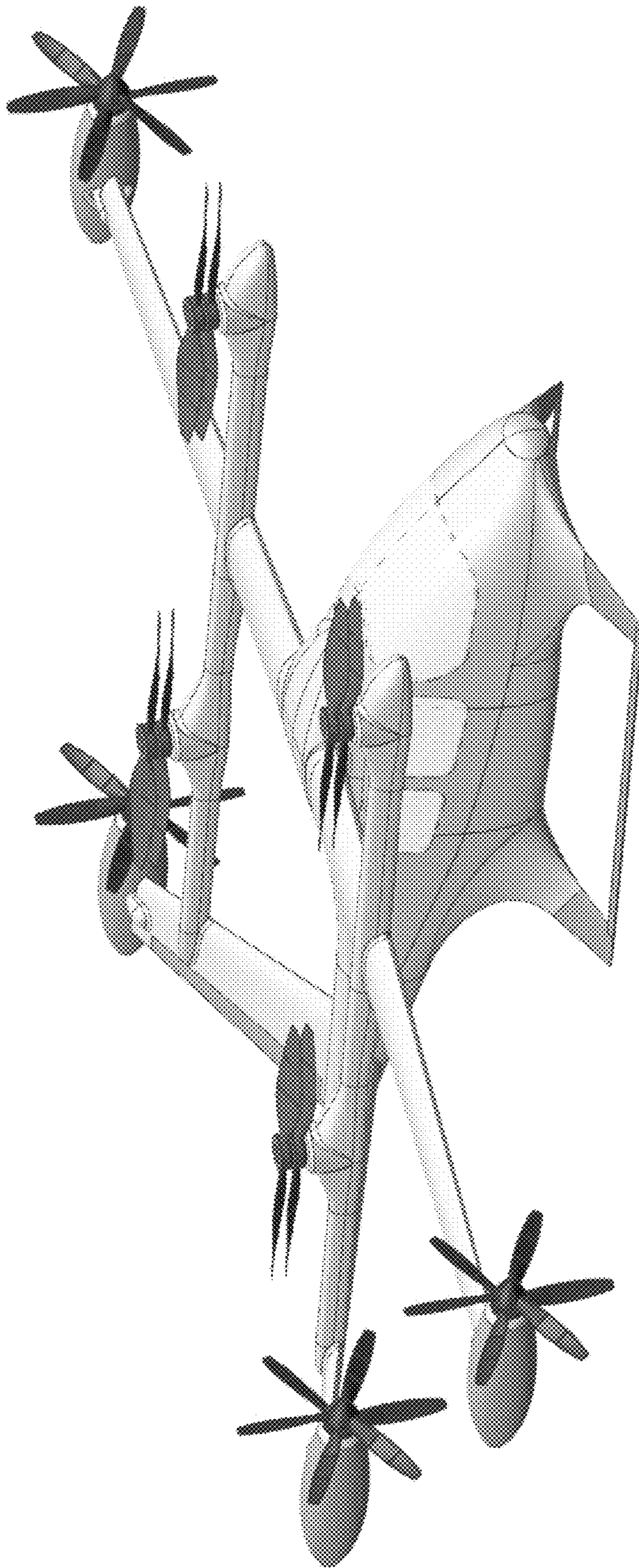


FIG. 10

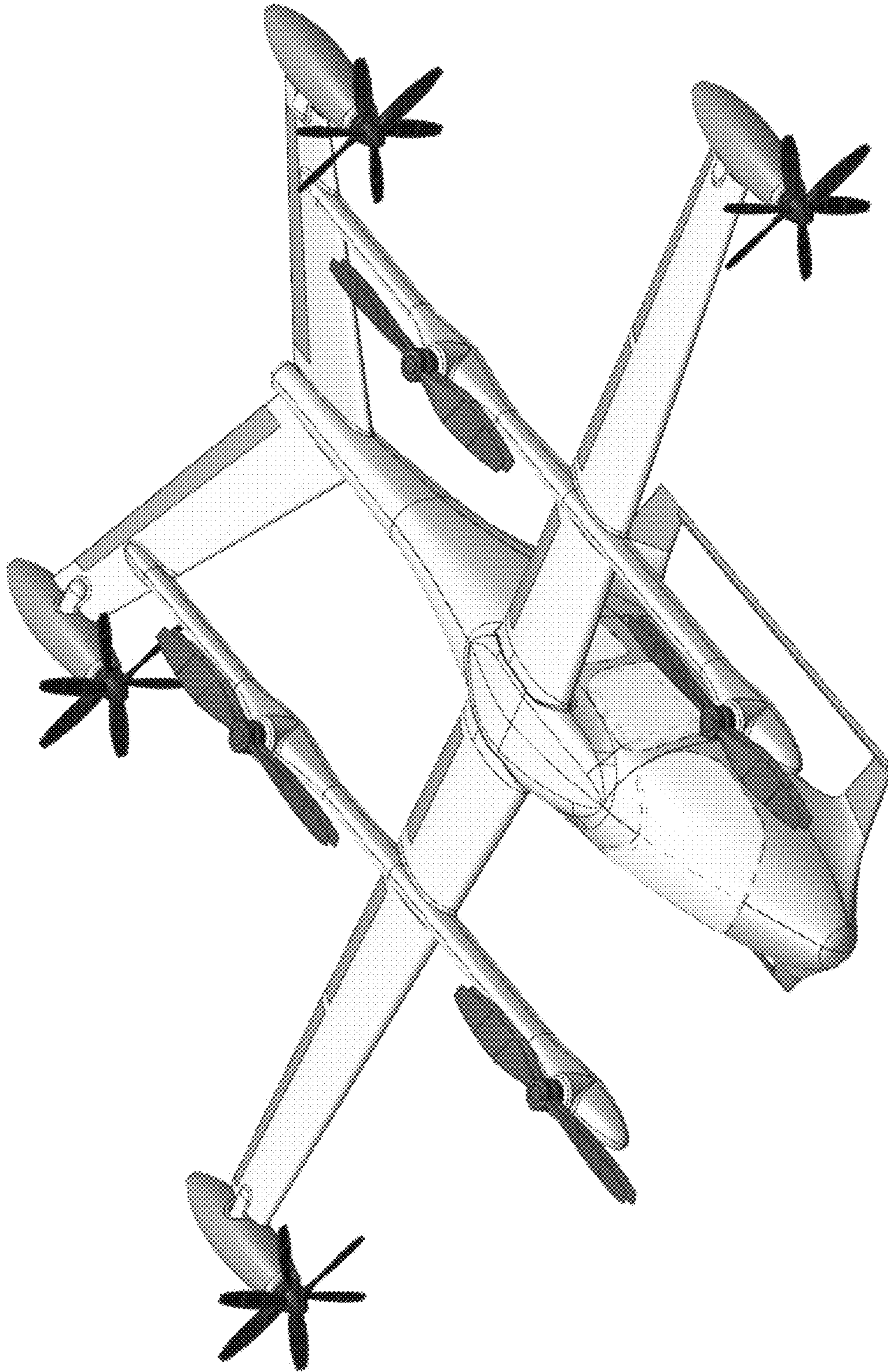


FIG. 11

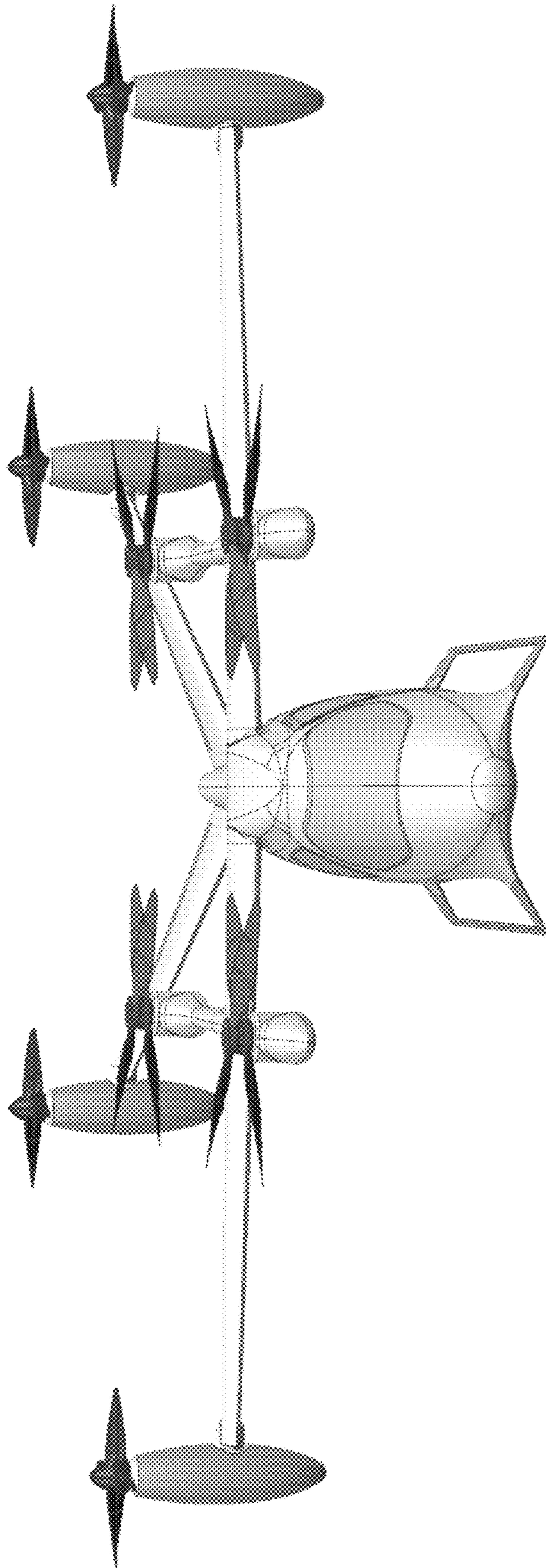


FIG. 12

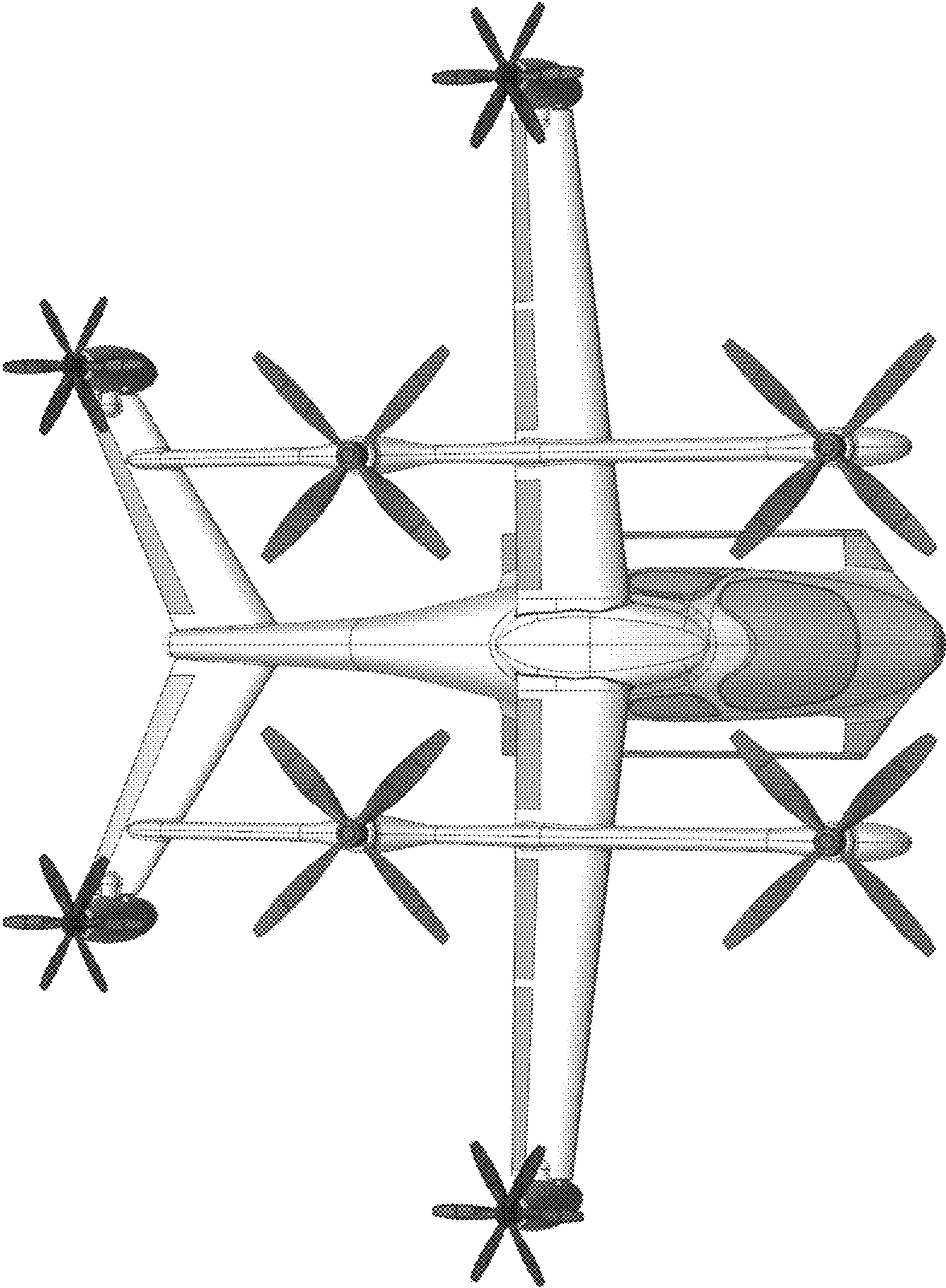


FIG. 13

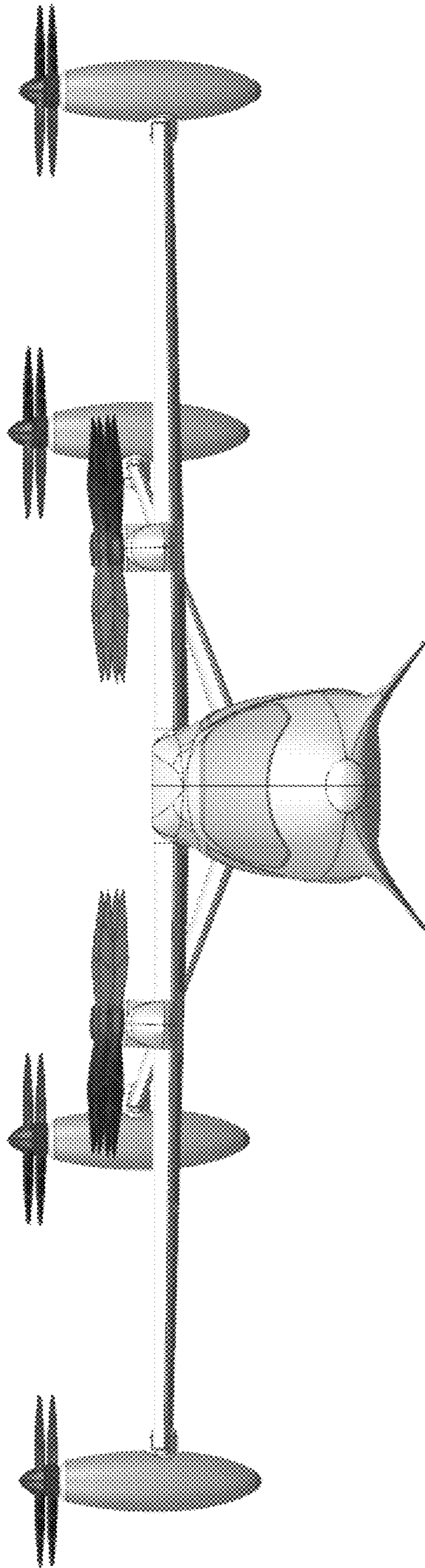


FIG. 14

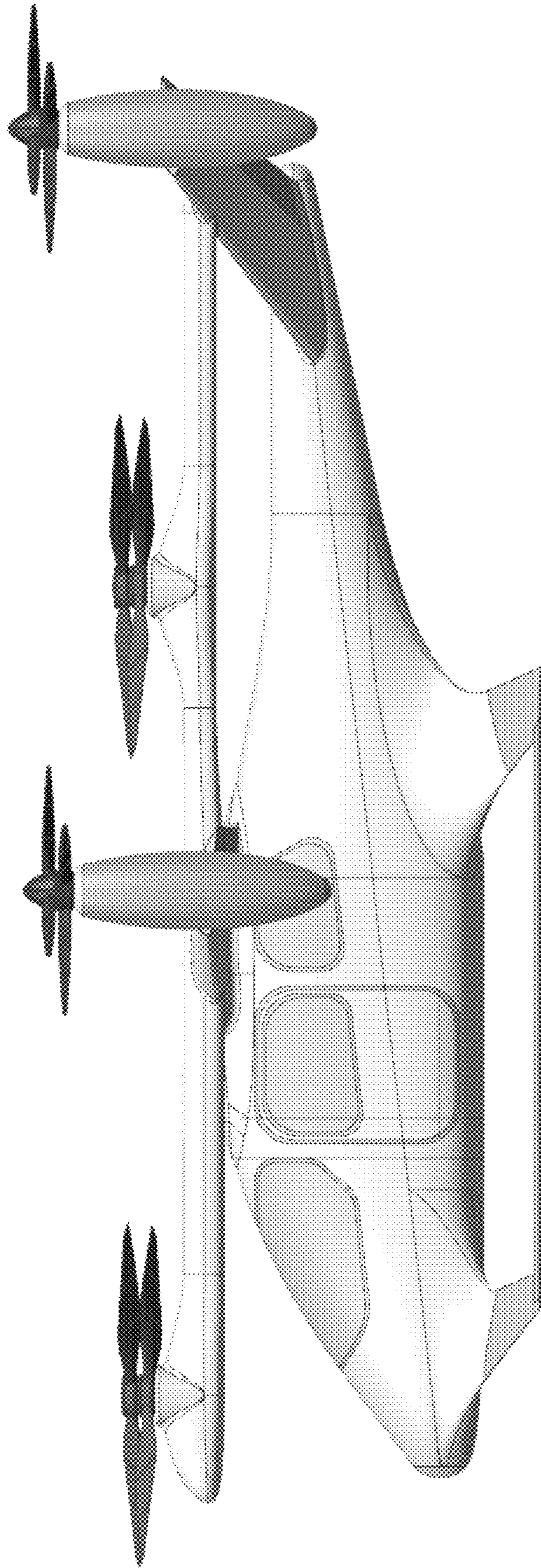


FIG. 15

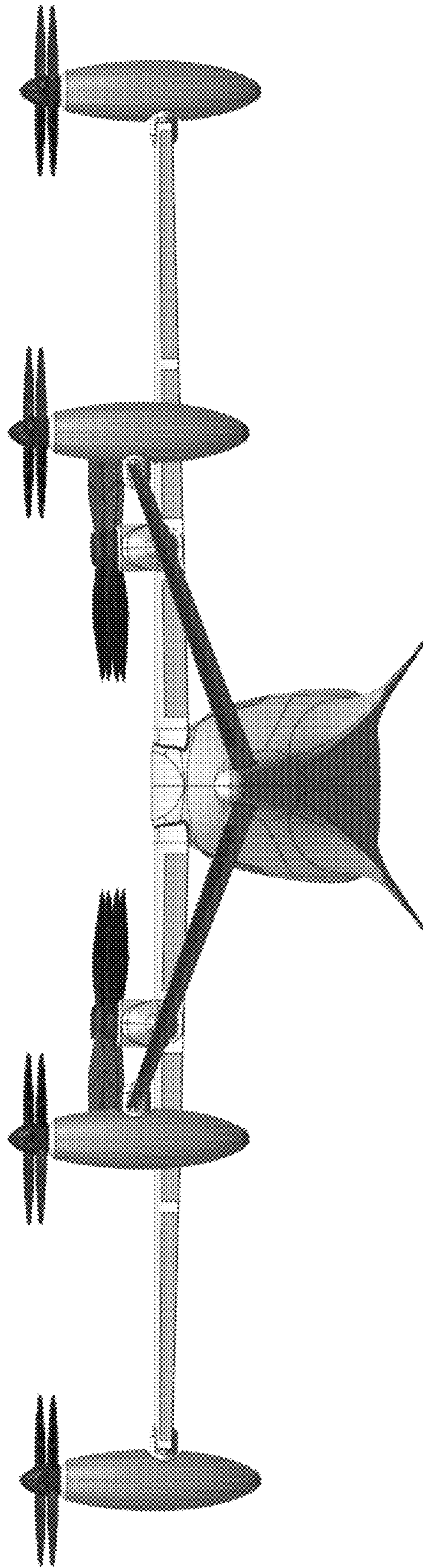


FIG. 16

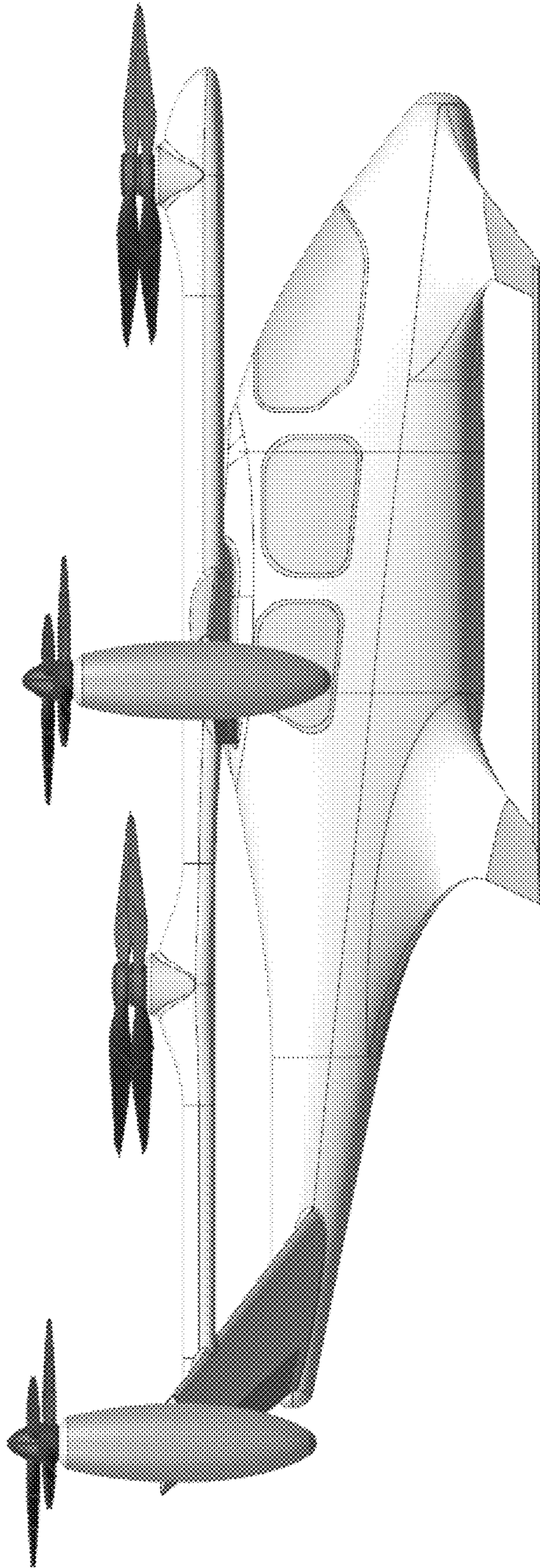


FIG. 17

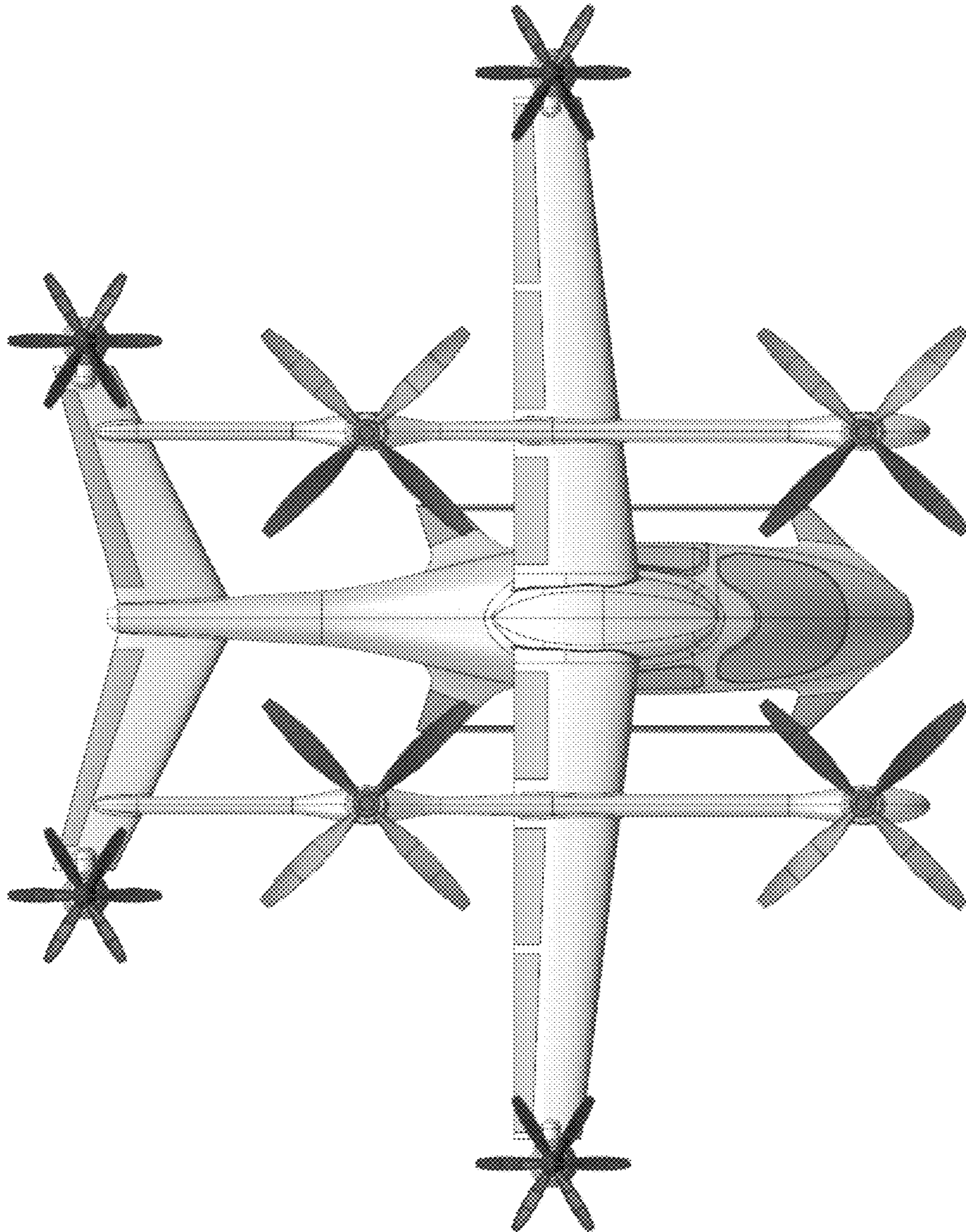


FIG. 18

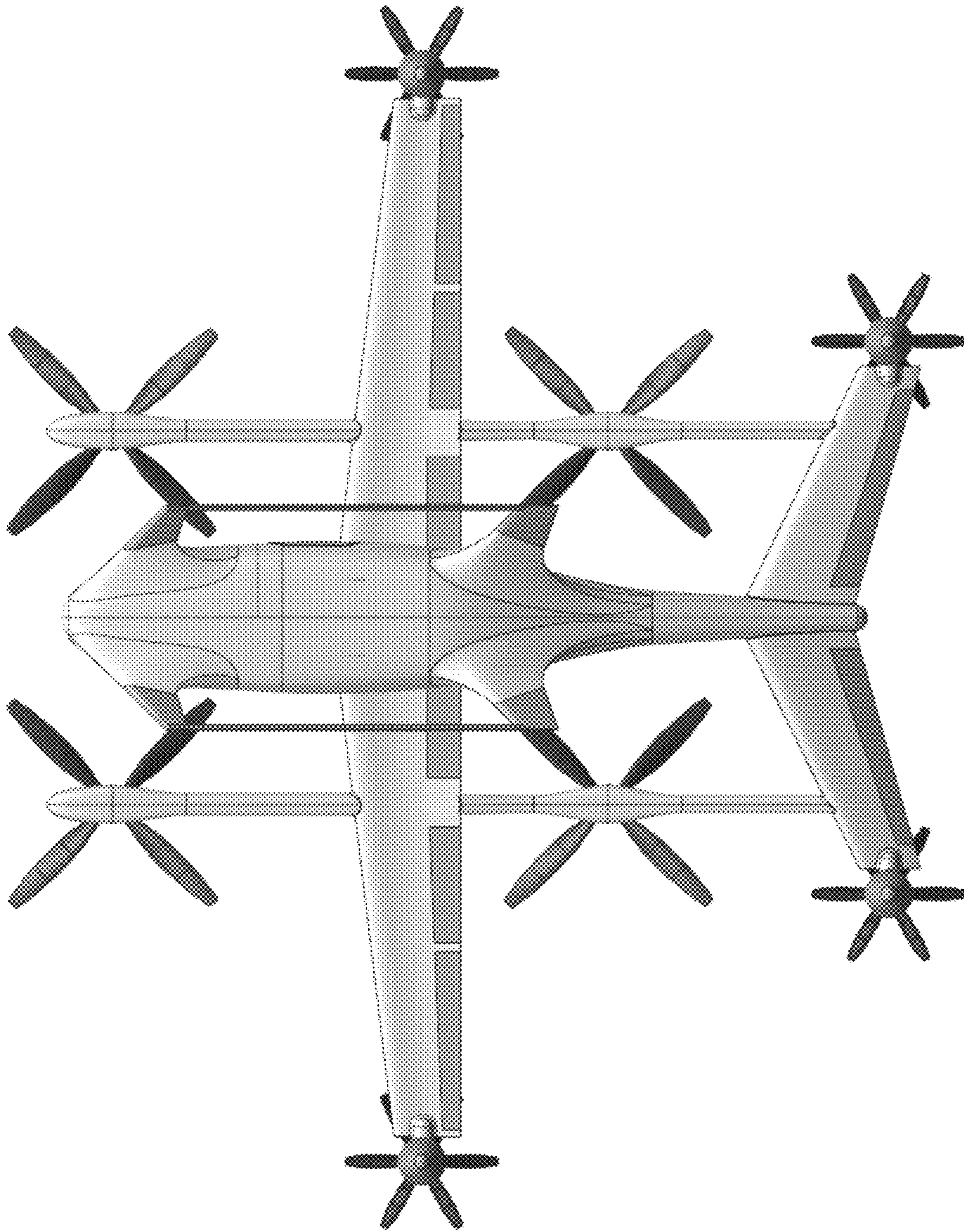


FIG. 19

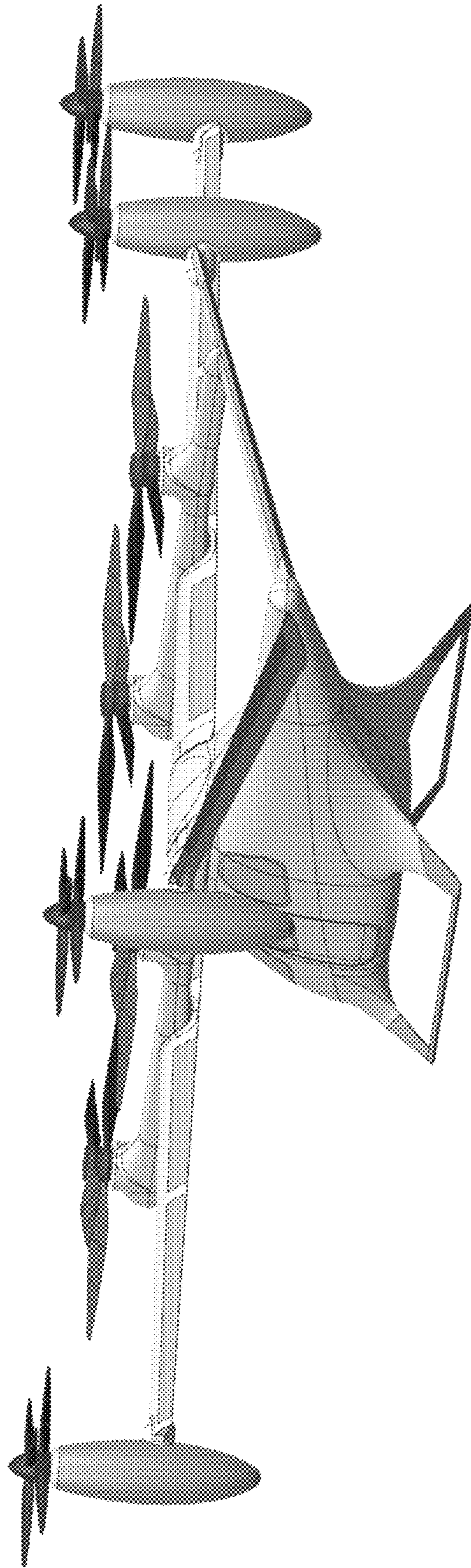


FIG. 20

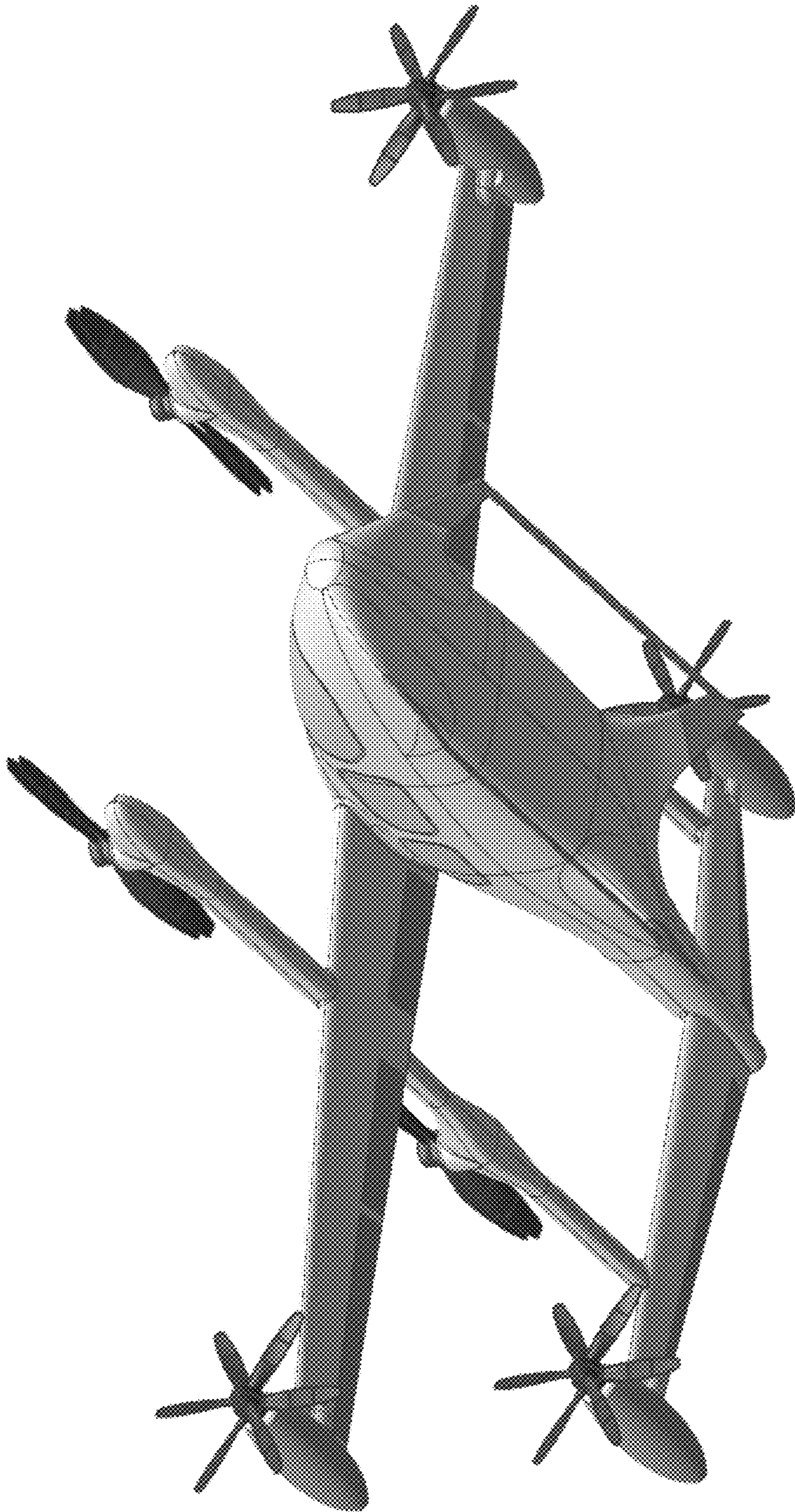


FIG. 21

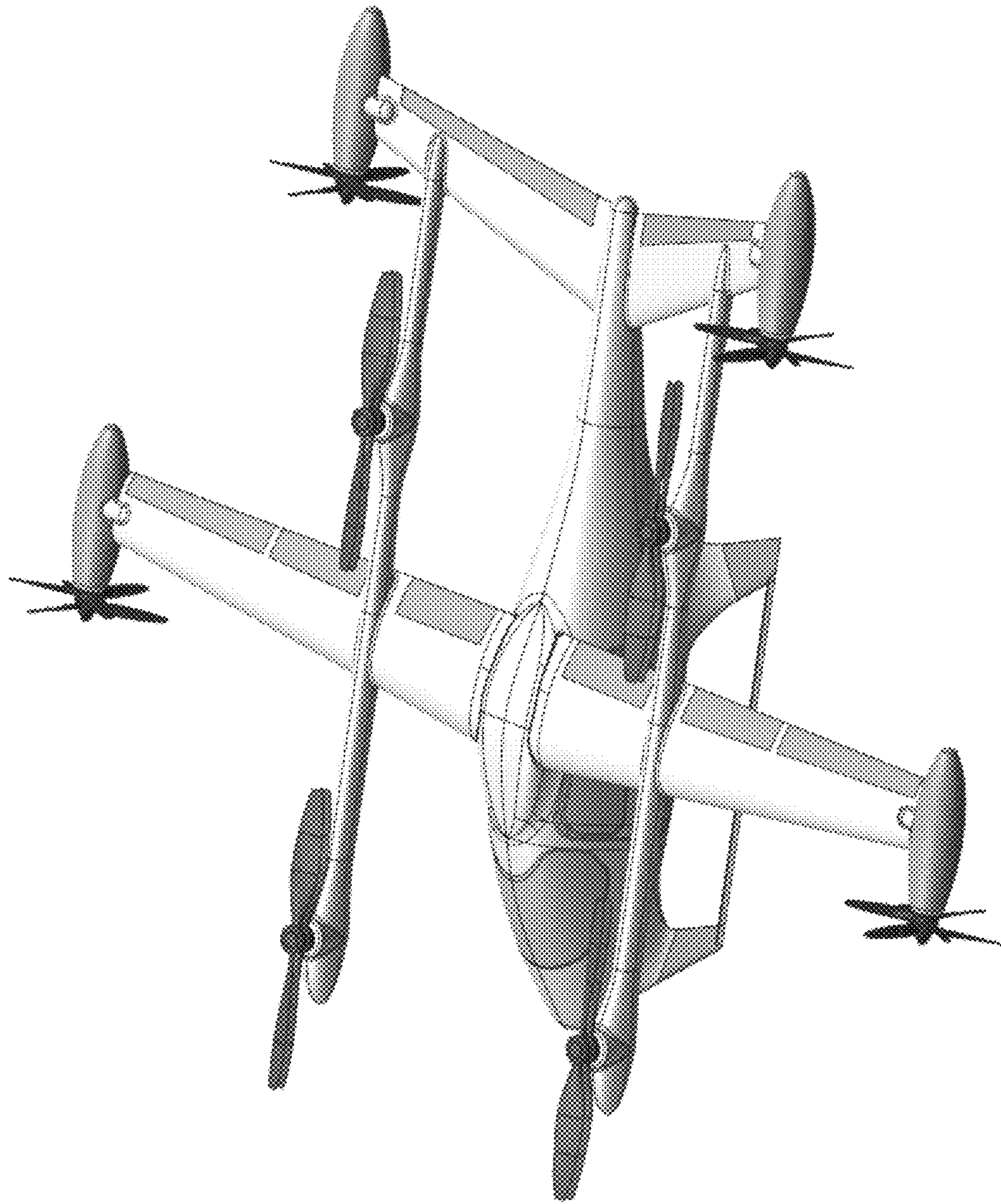


FIG. 22