

T/CCAATB 0062-2024 eVTOL????????

- [T/CCAATB 0062-2024 eVTOL](#)

T/CCAATB 0062-2024 eVTOL ????????

T/CCAATB 0062—2024

????????eVTOL????????

Technical requirements for electric vertical take-off and landing aircraft (eVTOL) landing field

2024 - 05 - 22 □□

2024 - 06 - 22 □□

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6 □□□□□	. 3
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7 □□□□	5
8 □□□□	. 5
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9 □□□□□□	. 5
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9.2.1 □□□	. 6
9.2.2 □□□□	. 6
9.2.3 □□□	. 6
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9.3.1 □□□□□□	6
9.3.2 □□□□	7
□□□□	. 7
9.4.1 □□□	. 7
9.4.2 □□□	. 7
9.4.3 □□□□□□	. 7
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9.9.1 □□□□□	.. 8
9.9.2 □□□	... 8
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10 □□□□□□□□	.. 8
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1 ??

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2 ?????????

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GB/T 38121 ?????? ??????

GB 50009 ?????????

MH/T 4016.5 ?????? ? 5????????

MH 5013 ?????????????

3 ???????

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3.1

???????? electric vertical take-off and landing aircraft

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3.2



electric vertical take-off and landing aircraft landing field



3.3



maximum size for electric vertical take-off and landing aircraft



3.4



obstacle-free volume



4 ????????

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D 

m 

L 

m 

W 

m 

H 

m 

h_o 

m 

???



eVTOL 

electric Vertical Take Off and Landing 

FATO 

Final Approach and Take-Off area 

5.3.4 TLOF 2.5 cm eVTOL TLOF

5.3.5 TLOF FATO

5.3.6 TLOF eVTOL

???

5.4.1 FATO FATO

5.4.2 FATO 3.0 m

5.4.3 eVTOL FATO 5%

FATO TLOF 5.4-1



5.4-1 FATO TLOF

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5.5.1 eVTOL eVTOL

5.5.2 1.2D 2.0 m

5.5.3 eVTOL

?????

5.6.1

5.6.2 eVTOL

5.6.3 eVTOL eVTOL 2

6 ??????

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6.1.1 eVTOL MH 5013
 eVTOL D
 FATO

6.1.2 eVTOL / 135°

???????

6.2.1 MH 5013
 h0
 OFV
 MH 5013

6.2.2 eVTOL
 FATO $h_0 \leq D$ 6.2-1 $h_0 \leq D$
 6.2-2



6.2-1 $h_0 \leq D$



6.2-2 $h_0 \leq D$

6.2.3 / 135° FATO
 OFV 2D 2D 4D

7 ?????

eVTOL

a) []

b) [] eVTOL []

c) [] eVTOL []

d) [] 4G/5G [] GPS []

e) [] eVTOL [] FATO []
[]
TLOF []

f) [] eVTOL [] FATO [] TLOF []
[] 1.0D []

g) [] eVTOL []
[] FATO [] TLOF [] 1.0D []

8 ?????

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8.1.1 eVTOL [] FATO []

8.1.2 eVTOL [] eVTOL []

8.1.3 [] eVTOL []

?????

[] eVTOL []

a) [] eVTOL []
[]

b) [] MTOW []

c) [] MTOW [] 1.5
[] TLOF []

d) [] []

MTOW [] 2.5

TLOF []

e) [] []

MTOW [] 0.6

f) []

FATO [] 2.0 kN/m2 []

g) []

GB 50009 []

????

8.3.1 [] 8.2 [] a [] c [] e [] g []

8.3.2 [] 8.2 [] a [] d [] e [] g [] , []

8.3.3 [] eVTOL [] eVTOL [] 8.2 [] a [] b [] f [] g []

9 ????????

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9.1.1 eVTOL

[] []

9.1.2 [] []

eVTOL

9.1.3 []

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9.2.1 ???

9.2.1.1 eVTOL [] []

a) []

b) []

c) [] eVTOL []
[]

eVTOL

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9.4.1 ???

9.4.1.1 eVTOL []

9.4.1.2 []
[]

5

9.4.1.3 [] FATO []

9.4.2 ???

9.4.2.1 eVTOL [] eVTOL []
[]

eVTOL

9.4.2.2 []

9.4.2.3 [] MH/T 4016.5 [] 5 []

9.4.2.4 []

9.4.3 ???????

9.4.3.1 eVTOL [] eVTOL
[]

9.4.3.2 [] GB/T 38121 [] - []

9.4.3.3 []

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9.5.1 eVTOL [] eVTOL [] eVTOL
[]

9.5.2 []

9.5.3 eVTOL [] eVTOL []

9.5.4 eVTOL [] eVTOL []
eVTOL []

9.5.5 []

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9.6.1 eVTOL [] 1 []

9.6.2 []

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9.8.1 eVTOL
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9.8.2 [] eVTOL []

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9.9.1 ?????

10.3.1 □ eVTOL

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□

10.3.2

□
□ 1.2 m □ 0.8 m □

10.3.3 □

□

eVTOL

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10.4.1 eVTOL □

2 □

10.4.2 □

/ □

11 ????????

eVTOL □

a) eVTOL

□
□ WGS1984 □

-1984

b) eVTOL □

1985 □

c) eVTOL □

(□)

)□

d) □

(□)□

e) □

f) □

g) □

h) □

i) □

j) □

k) □

l) [REDACTED]

?? A

[REDACTED]

[REDACTED] eVTOL [REDACTED]

[REDACTED] eVTOL [REDACTED] A.1 [REDACTED]

[REDACTED] A.1 [REDACTED] eVTOL [REDACTED]

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] [REDACTED]	[REDACTED]			[REDACTED]
					[REDACTED] W [REDACTED]	[REDACTED] L	[REDACTED] H	
1	EH216-S	[REDACTED]	[REDACTED]	650kg	5.63m	5.63m	1.86m	[REDACTED]
2	VT30	[REDACTED]	[REDACTED]		12.50m	6.80m	2.10m	[REDACTED]
3	V2000	[REDACTED]	[REDACTED]	2000 kg	14.50m	11.60m	2.60m	[REDACTED]
4	AE200	[REDACTED]	[REDACTED]	2500kg	14.50m	9.10m	3.50m	[REDACTED]
5	M1	[REDACTED]	[REDACTED]	2450 kg	15.00m	10.00m	3.00m	[REDACTED]
6	ZG-T6	[REDACTED]	[REDACTED]	2500 kg	17.00 m	11.00 m	3.93 m	[REDACTED]
7	ZG-ONE	[REDACTED]	[REDACTED]	740 kg	10.08m	10.08m	2.35 m	[REDACTED]
8	VE25	[REDACTED]	[REDACTED]	2500 kg	16.00m			[REDACTED]
9	E20	[REDACTED]	[REDACTED]	2400kg	12.40m	9.70m	3.80m	[REDACTED]

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[2] Vertiports Prototype Technical Specifications for the Design of VFR Vertiports for Operation with Manned VTOL-Capable Aircraft Certified in the Enhanced Category (PTS-VPT-DSN)

[1] MH 5013 [REDACTED]

