

Report date

🕒 March 8th 2019

Versions

-o- Wingframe v0.10.2

-o- Sign v0.10.2

Sign layout



Compliance report

✔ 60/60 tests passed

Rules and values referenced in this document can be found in:

ICAO

Annex 14, Aerodromes, Volume 1
Aerodrome Design and Operations
Eighth Edition, July 2018

Airfield Guidance sign

- ✔ Has a valid face height.
Appendix 4, Page APP 4-2: point 10.

Legend height

Appendix 4, Page APP 4-1: point 1.

- ✔ "300mm" is valid legend height.
- ✔ Only a single legend height found.

Message types

CHAPTER 5, Page 5-(86-91), 5.4.2 - 5.4.3

- ✔ Message type "Information" is valid.
- ✔ Message type "Location" is valid.

Composition

Inferred from examples in CHAPTER 5, page 5-(84-87).

- ✔ Contains at least one (1) message.
- ✔ Contains at most one (1) "Location" message.
- ✔ Does not contain message types "Information" and "Mandatory" in combination.
- ✔ Arrows rotate clockwise.

“Information” message

- ✔ No symbols in this message have outlines.

Color scheme

CHAPTER 5 • Page 5-88, 5.4.2.12 & 5.4.2.13 • Page 5-90, 5.4.3.25 & 5.4.3.26

- ✔ Background color is yellow.
- ✔ There is a single legend color.
- ✔ Legend color is black.

Single arrow message “↖A”

- ✔ Arrow found at beginning or end of message.
- ✔ Arrow at beginning has direction forward or left (↖ or ↗).
- ✔ Arrow is on the opposite side of the location message.
- ✔ Arrow has direction forward or away from the location message.

Layout

Appendix 4, Page APP 4-11, Figure A4-4. Sign dimensions

- ✔ Background covers height of sign.
- ✔ Symbols are vertically centered in message.
- ✔ No multiline text.
- ✔ Message padding top is at least 150mm.
- ✔ Message padding right is at least 150mm.
- ✔ Message padding bottom is at least 150mm.
- ✔ Message padding left is at least 150mm.

Symbol(s) “↖A” (Legend height 300mm)

Dimensions

Appendix 4, Page APP 4-12, Table A4-1 d & e

- ✔ Symbol “↖” width equals 240mm.
- ✔ Symbol “A” width equals 255mm.

Symbol / character spacing

Appendix 4

- Page APP 4-12, Table A4-1. Letter and numeral widths and space between letters or numerals.
- Page APP 4-12, Instructions point 1-5.

- ✔ Arrow spacing between “↖” and “A” is in the range 75mm - 225mm.

Border

Appendix 4, Page APP 4-2, point 12.b.

- ✔ Message contains zero (0) borders.

“Location” message

- ✔ No symbols in this message have outlines.

Color scheme

CHAPTER 5 • Page 5-88, 5.4.2.12 & 5.4.2.13 • Page 5-90, 5.4.3.25 & 5.4.3.26

- ✔ Background color is black.
- ✔ There is a single legend color.
- ✔ Legend color is yellow.

Layout

Appendix 4, Page APP 4-11, Figure A4-4. Sign dimensions

- ✔ Background covers height of sign.
- ✔ Symbols are vertically centered in message.
- ✔ No multiline text.
- ✔ Message padding top is at least 150mm.
- ✔ Message padding right is at least 150mm.
- ✔ Message padding bottom is at least 150mm.
- ✔ Message padding left is at least 150mm.

Symbol(s) “E” (Legend height 300mm)

Dimensions

Appendix 4, Page APP 4-12, Table A4-1 d & e

- ✔ Symbol "E" width equals 186mm.

Border

Appendix 4, Page APP 4-2, point 12.b.

- ✔ Message contains zero (0) borders.

“Information” message

- ✔ No symbols in this message have outlines.

Color scheme

CHAPTER 5 • Page 5-88, 5.4.2.12 & 5.4.2.13 • Page 5-90, 5.4.3.25 & 5.4.3.26

- ✔ Background color is yellow.
- ✔ There is a single legend color.
- ✔ Legend color is black.

Single arrow message "C → "

- ✔ Arrow found at beginning or end of message.
- ✔ Arrow at end has direction forward or right (↑ ↗ → ↘).
- ✔ Arrow is on the opposite side of the location message.
- ✔ Arrow has direction forward or away from the location message.

Layout

Appendix 4, Page APP 4-11, Figure A4-4. Sign dimensions

- ✔ Background covers height of sign.
- ✔ Symbols are vertically centered in message.
- ✔ No multiline text.
- ✔ Message padding top is at least 150mm.
- ✔ Message padding right is at least 150mm.
- ✔ Message padding bottom is at least 150mm.
- ✔ Message padding left is at least 150mm.

Symbol(s) “C → ” (Legend height 300mm)

Dimensions

Appendix 4, Page APP 4-12, Table A4-1 d & e

- ✔ Symbol "C" width equals 205mm.
- ✔ Symbol " → " width equals 300mm.

Symbol / character spacing

Appendix 4

- Page APP 4-12, Table A4-1. Letter and numeral widths and space between letters or numerals.
- Page APP 4-12, Instructions point 1-5.

- ✔ Arrow spacing between "C" and "→" is in the range 75mm - 225mm.

Border

Appendix 4, Page APP 4-2, point 12.b.

- ✔ Message contains zero (0) borders.

✔ 1/1 recommendations met

Wingframe recommendations

Airfield Guidance sign

- ✔ Face height $2 \times LH$.