

CHAPTER 2 LAYOUT AND FORMAT

2.1 U.S. & ALASKA ENROUTE AND U.S. AREA (A-1 & A-2) CHARTS

2.1.1 Format

The charts in this series shall be rectangular in shape (normally West-East) with the layout and format of the charts conforming to the Appendices.

2.1.2 Layout

All odd numbered charts shall be printed on what shall be referred to as the “front side” (with the title panel). All even numbered charts shall be printed on what will be referred to as the “reverse side.”

Charts shall be numbered and printed, backed-up, head-to-head, in accordance with that indicated in the Appendices.

2.1.2.1 **U.S. & Alaska Enroute Charts**

2.1.2.1.1 **U.S. Enroute Chart Layouts**

References:

Appendix 3 - Chart Layout - U.S. L-1 and L-7

Appendix 4 - Chart Layout - U.S. L-2 and L-8

Appendix 5 - Chart Layout - U.S. L-3, L-9, L-11, L-13, L-15, L-19, L-27 and L-29

Appendix 6 - Chart Layout - U.S. L-4, L-10, L-12, L-14, L-16 and L-24

Appendix 7 - Chart Layout - U.S. L-5

Appendix 8 - Chart Layout - U.S. L-6

Appendix 9 - Chart Layout - U.S. L-17 and L-31

Appendix 10 - Chart Layout - U.S. L-18 and L-32

Appendix 11 - Chart Layout - U.S. L-20 and L-28

Appendix 12 - Chart Layout - U.S. L-21, L-33 and L-35

Appendix 13 - Chart Layout - U.S. L-22 and L-36

Appendix 14 - Chart Layout - U.S. L-23

Appendix 15 - Chart Layout - U.S. L-25

Appendix 16 - Chart Layout - U.S. L-26

Appendix 17 - Chart Layout - U.S. L-30

Appendix 18 - Chart Layout - U.S. L-34

2.1.2.1.2 **(AK) Alaska Enroute Chart Layouts**

References:

Appendix 19 - Chart Layout - Alaska L-1

Appendix 20 - Chart Layout - Alaska L-2

Appendix 21 - Chart Layout - Alaska L-3

Appendix 22 - Chart Layout - Alaska L-4

2.1.2.1.3 Size and Dimension

Each chart shall have a neatline .020" in weight, printed in black.

Chart detail shall extend to this neatline.

2.1.2.1.4 Dimensions

Paper dimensions for the quality control prints shall be 20" x 55.5", including plate idents for U.S. L-1, L-2, L-7, L-8, L-25 and L-26. Paper for all other U.S. and Alaska Charts shall be 20"x 60.5".

Tabulated data panels or fly leaf shall be 5" wide.

Refer to Appendices 3 through 18 for chart area dimensions (border-to-border) for U.S. Charts and Appendices 19 through 22 for Alaska Charts.

2.1.2.1.5 Panel Folds

Each chart shall have 10 folds and 11 panels for U.S. L-1, L-2, L-7, L-8, L-25 and L-26. All other charts shall have 11 folds and 12 panels, (5" wide evenly spaced).

A panel is defined as the area between two folds, or between a fold and a trim edge, and shall be 5" x 20". The final folded product size shall be 5" x 10".

2.1.2.2 INSET CHARTS

The Inset Charts shall be contained within a .020" neatline, with the neatline aligned with the borderline of the enroute chart. A double neatline with a .40" space between will be provided to separate the Inset Chart from the detail of the enroute chart upon which the area is positioned. Chart detail shall extend to these borderlines.

Inset Charts shall be provided at the scale specified, and positioned on the enroute chart as indicated, for the following areas:

Table 2.1 Inset Chart Location

| CHART NAME | LOCATION |
|-------------------|----------|
| Wilmington-Bimini | L-34 |
| Boston-Yarmouth | L-23 |

References:

[Appendix 14](#) - Chart Layout - U.S. L-23

[Appendix 18](#) - Chart Layout - U.S. L-34

2.1.2.3 AREA CHARTS**2.1.2.3.1 Arrangement and Location****2.1.2.3.1.1 Conterminous U.S.**

The U.S. Area Charts layout shall conform with the format illustrated in [Appendix 55](#) and [Appendix 56](#).

Arrangement of individual areas shall conform to that illustrated in the Appendices:

Table 2.2 Area Chart Arrangement and Location - U.S.

| CHART IDENTIFICATION | |
|-----------------------|---------------------|
| FRONT SIDE (A-1) | REVERSE SIDE (A-2) |
| Atlanta | Chicago / Milwaukee |
| Detroit | Dallas / Ft. Worth |
| Jacksonville | Denver |
| Miami | Kansas City |
| Minneapolis / St.Paul | Los Angeles |
| St. Louis | Phoenix |
| Washington | San Francisco |

References:

[Appendix 55](#) - Chart Layout - Area Chart A-1

[Appendix 56](#) - Chart Layout - Area Chart A-2

Size and dimensions of the U.S. Area Charts shall generally conform to that specified for the Enroute Charts and as illustrated for the individual areas.

2.1.2.3.1.2 (AK) Alaska Area Charts

Area Charts within Alaska shall conform to the format illustrated in the Appendices.

Each chart shall normally be aligned with true north.

Alaska Area Charts shall be provided and positioned on the appropriate enroute chart as indicated and illustrated in the Appendices for the following areas:

Table 2.3 (AK) - Area Chart Arrangement and Location

| CHART NAME | LOCATION |
|------------|----------|
| Juneau | L-1 |
| Vancouver | L-1 |
| Anchorage | L-4 |
| Fairbanks | L-3 |
| Nome | L-3 |

References:

[Appendix 19](#) - Chart Layout - Alaska L-1

[Appendix 20](#) - Chart Layout - Alaska L-2

[Appendix 21](#) - Chart Layout - Alaska L-3

[Appendix 22](#) - Chart Layout - Alaska L-4

Each Alaska Area Chart shall be contained within a .018" borderline, with the borderline aligned with the borderline of the enroute chart. A double borderline with a .4" space between will be provided to separate the Area Chart from the detail of the enroute chart upon which the area is positioned. Chart detail shall extend to these borderlines.

A nautical mile bar scale, similar to that contained on the enroute chart, shall be shown, positioned within the chart area, parallel to and adjoining the bottom (lower neatline). Bar scales shall, as near as possible, extend the full length of the charted area.

Exception to the Enroute Chart Bar Scales shall be that the mile division breakdown of the scale shall be shown and labeled on both ends of the scales, and the subdivision shall be for each 10 miles.

The name of each Area Chart, e.g., ANCHORAGE AREA, shall be shown, centered above or below the chart, within the .4" marginal area.

2.1.2.4 (AK) Route Selection Chart

The Route Selection Chart shall conform with the format as illustrated in [Appendix 20](#).

References:

[3.12](#) - (AK) L-2 - Low Altitude Route Selection Chart