

CHAPTER 2 FORMAT AND LAYOUT

2.1 SECTIONAL AERONAUTICAL CHARTS

2.1.1 General

This series of charts shall be separated horizontally in reproduction and printed backed-up, head to foot. When printed, this chart shall be uniformly accordion folded in an easterly and westerly direction (vertically) to ten folds and eleven panels (or eleven folds and twelve panels) and folded in half horizontally. Margins shall be on the west and south borders of the chart. (See Style Sheets.)

Exception to the above shall be for the Atlanta, Chicago, Los Angeles, Miami, Phoenix and San Francisco Sectional Charts which shall have the bottom margin relocated to the top, with the title panel. This format adjustment of margin data shall ensure that the terminal area complexes cited above are complete on one side of the chart and not divided arbitrarily to accommodate the back-up printing necessary.

2.1.2 Size and Dimensions

The front/back sheet shall be 20 5/8" by 55" or 20 5/8" by 59 1/2" trimmed. Folded size shall be 5" by 10 5/16".

Size and dimensions of the formats used in this series shall be as indicated on the appropriate Style Sheets.

2.1.3 Chart Area

Basically, chart image limitations are established between defined full degree values of latitude and longitude, as exemplified on the Style Sheets. However, to provide the maximum in chart coverage with sufficient overlap detail, a partial margin format is employed along the northern and eastern limits of each chart.

The layout and format of individual charts shall conform to the Style Sheets utilizing the partial margin format, i.e., chart detail along the northern and eastern sides of each chart shall extend to the trim edge (bleeding edge) of the paper. The chart image on the south shall extend to the established parallel of latitude and on the west by the delimiting meridian.

Chart detail shall be shown in the north and east overlap areas and shall be extended .100" beyond the trim line to assure a bleeding edge. The chart detail shall not extend beyond the south and west limits of the chart.

2.1.4 Chart Insets

The basic chart coverage may be supplemented with certain specific Chart Insets. These Chart Insets may be large scale charts of high density area traffic complexes or small scale charts to accommodate extensions of chart coverage, positioned within either the margin or open water area of specific Sectional Aeronautical or Terminal Area Charts.

The content and portrayal techniques of Chart Insets shall be the same as the basic chart, unless deviations are requested by the appropriate authority. Content may be more detailed if required.

Chart Insets depicting FAR 91.143 Space Operations Areas may be at the same or different scale as the basic chart. In congested areas, certain types of aeronautical information may be deleted from the inset for clarity purposes. An appropriate boxed note shall be shown inside FAR 91.143 Space Operations Areas (See Section [3.9.4.15](#) for basic chart depiction).

2.2 VFR TERMINAL AREA CHARTS

The layout and format shall conform to [Appendix 16](#).

2.2.1 Size and Dimensions

The basic sheet size shall be 20 5/8" x 25". Increase in basic size shall normally be accomplished in increments of 5" in an E/W or N/S direction, to provide additional panels as needed to adequately portray the necessary information and coverage. Coordination must be accomplished prior to expansion from the normal 20 5/8" x 25" format.

Charts shall be folded to 5" x 10 5/16".

Size and dimensions shall be as indicated on the Style Sheet.