

## CHAPTER 1 GENERAL

### 1.1 PURPOSE AND SCOPE

These specifications provide guidelines, instructions, and procedures to effect uniformity and standardization of content and portrayal techniques in the production of VFR Flyway Planning Charts.

VFR Flyway Planning Charts are designed to assist pilots in planning flights through and/or around areas of high density aircraft operations.

These specifications apply to areas for which VFR Flyway Planning Charts are required by the U.S. Government.

Although the digital chart files are compiled in accordance with these specifications, the final product may vary slightly in appearance due to the differences in printing techniques/processes and/or digital display technique.

### 1.2 REQUIREMENTS

#### 1.2.1 General

VFR Flyway Planning Charts are for use with Sectional Aeronautical Charts and Terminal Area Charts and are printed on the reverse of corresponding Terminal Area Charts.

#### 1.2.2 Quality and Accuracy

The highest standards of accuracy in plotting, drafting, reproduction and currency of information shall be maintained.

#### 1.2.3 Color

VFR Flyway Planning Charts shall be printed in four colors; blue, black, brown and magenta. Screens and percentages of color shall be used to obtain suitable contrast.

Solid colors shall be used unless otherwise specified.

#### 1.2.4 Area of Coverage

The area of coverage shall be the same as the corresponding Terminal Area Chart.

#### 1.2.5 Scale

Scale shall be 1:250,000.

#### 1.2.6 Projection

Projection shall be the Lambert Conformal Conic Projection.

#### 1.2.7 Symbolization

Symbolization for VFR Flyway Planning Charts shall be in accordance with IAC-2 unless otherwise specified.

These symbols were developed to standardize aeronautical symbology on charts and publications used by both military and civil aviation.

Configuration of symbols contained therein shall be adhered to. Size and lineweights should also be adhered to but may be varied when absolutely necessary.

### 1.2.8 Type Styles

It is recognized that a variance occurs between different composition mediums, such as Fotosetter, Photon, Monotype and Foundry settings. However, type styles specified within these specifications shall be as stated, or their equivalent, as may be determined by the manufacturer's nomenclature.

Unless otherwise specified, all type shall be Helvetica 65 Medium or its equivalent. Use of capital letters is intended unless specified as C/L (caps and lower case).

## 1.3 SPECIFICATION REFERENCES

Photon Photocomposition Specimen Catalog.

IAC-2 Specifications, Sectional Aeronautical and VFR Terminal Area Charts.