

## CHAPTER 1 GENERAL

### 1.1 PURPOSE AND SCOPE

#### 1.1.1 General

These specifications provide basic criteria and guidance for the production of the United States Government Flight Information Publication Chart Supplements.

The Chart Supplement is designed to satisfy validated Department of Defence (DoD) and civil user requirements for Instrument Flight Rules (IFR) and Visual Flight Rules (VFR) flight data. It is distributed and used as a companion product to US Government Enroute and VFR Charts and/or the Flight Information Handbook (FIH). It is used by DoD aircrews and civil pilots planning for and engaging in all phases of air navigation.

This specification outlines items that shall be published in the supplement. Other than the directory legend, selected notices, ARTCC, FSS/RCO, routes and supplemental communications content of the supplement will be limited to data required for the specific geographic areas covered by the supplement.

#### 1.1.2 Purpose

The purpose of these specifications is to provide appropriate guidelines to ensure uniformity and standardization of content and portrayal of airport and facility data published in the supplements.

### 1.2 REQUIREMENTS

#### 1.2.1 General

The supplements are bound booklets containing aeronautical information in textual, tabulated or graphic formats. Format chosen for any particular item of data varies according to the nature of the information.

#### 1.2.2 Color

The supplements shall be printed in black. Instrument Approach Procedure Charts will be printed in accordance with IAC 4, Instrument Approach Procedures (IAPs) and Airport Diagrams or DoD PS/1FA/04-91. Various screens and percentages of color, as specified, shall be used to obtain a suitable contrast. All information, both textual and graphic, will be in solid colors unless otherwise specified.

#### 1.2.3 Title

The title of the United States Government Flight Information Publication Chart Supplement shall be:

UNITED STATES GOVERNMENT FLIGHT INFORMATION PUBLI-  
CATION

CHART SUPPLEMENT  
(Specific Geographic Area Name)

## **1.2.4 Area of Coverage**

Each supplement shall contain required information appropriate to a specific geographic area of coverage. The contents of each supplement will be as outlined in this specification.

### **1.2.4.1 Chart Supplement Contents**

The Chart Supplement contains aeronautical data required to support flight operations within the United States and its territories. The following additional selected data shall also be included:

- a. Facilities in Canada that fall within Alaska Enroute Chart parameters and meet Alaska Enroute Charting requirements will be included in the Alaska Supplement;
- b. Other facilities in Canada will be included in the appropriate supplement when requested by the appropriate authority;
- c. The Pacific Supplement contains ATC procedures and terminal SID, STAR and IAP charts applicable to that area.

### **1.2.4.2 Chart Supplement Volumes**

Chart Supplement volumes shall be titled as follows and shall contain the states listed below:

- a. Northeast U.S. - Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, and West Virginia.
- b. Southeast U.S. - Alabama, Florida, Georgia, Kentucky, North Carolina, Puerto Rico, South Carolina, Tennessee, and the Virgin Islands.
- c. East Central U.S. - Illinois, Indiana, Michigan, Ohio, and Wisconsin.
- d. Northwest U.S. - Idaho, Montana, Oregon, Washington, and Wyoming, and selected Canadian facilities as requested.
- e. North Central U.S. - Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota.
- f. South Central U.S. - Arkansas, Louisiana, Mississippi, Oklahoma, and Texas.
- g. Southwest U.S. - Arizona, California, Colorado, Nevada, New Mexico, and Utah.
- h. Alaska U.S. - Alaska and selected Canadian facilities as requested.
- i. Pacific - Hawaii, Pacific Islands.

## **1.2.5 Symbolization**

### **1.2.5.1 General**

The symbols contained in this manual have been developed for use in the production of U.S. Government aeronautical charts and publications. These symbols have been developed through the United States Government Interagency Air Committee (IAC), and their supporting technical groups, for the purpose of standardization of the aeronautical symbols portrayed on charts and publications used by both military and civil aviation.

### **1.2.5.2 Airport Sketches**

Symbolization used in the preparation of the Airport Sketch shall be in accordance with the Aeronautical Information/Chart Symbols included herein and in the appendices.

- Graphics contained in the supplement may utilize symbology defined in IAC 2, Sectional Aeronautical and VFR Terminal Area Charts.
- Landmarks can be depicted pictorially, as required.
- Symbology used in the preparation of the Airport Diagrams shall be in accordance with IAC 4, Instrument Approach Procedures (IAPs) and Airport Diagrams or DoD PS/1FA/04-91.

### **1.2.5.3 Chart Supplement Pacific: Terminal Procedures**

Departures, Arrivals, and SIAPs published in the Pacific Supplement utilize existing specifications and symbolization documented in

- IAC 4, Instrument Approach Procedures (IAPs) and Airport Diagrams,
- IAC 7, Graphic Instrument Departure Procedure (DP) Charts, and
- IAC 14, Standard Terminal Arrival (STAR) Charts and
- IAC 17, Terminal Procedures Publication (TPP),
- DoD PS/1FA/04-91.

### **1.2.6 Type Styles**

Unless otherwise specified, the type style shall be News Gothic BT and News Gothic Condensed BT, or as depicted in the various appendices.

When the use of equivalent type styles is necessary, printed characters shall be such as to equal the height, width and line weight of the specified type as determined by the naked eye.

### **1.2.7 Abbreviations/Acronyms**

Abbreviations and acronyms should conform to ICAO standards when feasible. When no ICAO abbreviation exists, the FAA abbreviation will be used. If no FAA abbreviation exists, the DoD abbreviation will be used.

### **1.2.8 Quality Standards**

The highest standards of accuracy and currency of information shall be maintained. Final product quality shall be achieved by conformance to these specifications, to other appropriate operating procedures and to the in-process quality control system designed for this product.

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

### 1.3 APPENDICES

The appendices included within these specifications are for use as general guides in layout, format and content. They do not necessarily reflect all possible operational content.

References:

- Appendix 1** - Front Cover - Chart Supplement U.S.
- Appendix 2** - Front Cover - Chart Supplement Alaska
- Appendix 3** - Front Cover - Chart Supplement Pacific
- Appendix 4** - Inside Front Cover - Chart Supplement U.S.
- Appendix 5** - Inside Front Cover - Chart Supplement Alaska
- Appendix 6** - Inside Front Cover - Chart Supplement Pacific
- Appendix 7** - Inside Back Cover - Chart Supplement U.S. & Alaska
- Appendix 8** - Inside Back Cover - Chart Supplement Pacific
- Appendix 9** - Outside Back Cover - Chart Supplement U.S.
- Appendix 10** - Outside Back Cover - Chart Supplement Alaska
- Appendix 11** - Outside Back Cover - Chart Supplement Pacific
- Appendix 12** - Spines
- Appendix 13** - Table of Contents - Chart Supplement U.S.
- Appendix 14** - Table of Contents - Chart Supplement Alaska
- Appendix 15** - Table of Contents - Chart Supplement Pacific
- Appendix 16** - Section 1: A/FD Directory Legend Sample
- Appendix 17** - Section 1: A/FD Sketch Legend
- Appendix 18** - Section 2: A/FD Directory