

## CHAPTER 1 GENERAL

### 1.1 PURPOSE AND SCOPE

#### 1.1.1 General

An Instrument Approach Procedure (IAP) Chart provides a pilot with information necessary for an orderly transition from en route flight to a safe and expeditious approach to either land or execute a missed approach at an airport under Instrument Flight Rules. Airport Diagrams are specifically designed to assist in the movement of ground traffic at locations with complex runway/taxiway configurations. Airport Diagrams are not intended for use in approach and landing or departure operations. Charted Visual Flight Procedures (CVFP) have been developed to provide a pictorial display of visual arrival routes/altitudes to enhance noise abatement at some locations. The word airport as used within these specifications is synonymous with the word heliport.

#### 1.1.2 Purpose

The purpose of these specifications is to provide appropriate guidelines to ensure uniformity and standardization of content and portrayal techniques in the preparation and production of Low Altitude IAP charts, CVFP charts and Airport Diagrams for use by both civil and military pilots.

### 1.2 REQUIREMENTS

#### 1.2.1 General

Low Altitude Instrument Approach Procedures Charts shall be prepared for all civil, military, and civil/military airports within the United States, Puerto Rico and the Virgin Islands for which Standard Instrument Approach Procedures have been established and designated. CVFP charts shall be prepared similarly, but shall also apply to other areas of the world as needed, e.g., Caribbean, Pacific, etc.

#### 1.2.2 Quality and Accuracy

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

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.

#### 1.2.3 Color

IAP Charts, CVFP charts and Airport Diagrams and associated textual material shall be printed in black color. Terrain will be printed in brown color. Various screens and percentages of color, as specified, shall be used to obtain a suitable contrast.

All supplemental information, both textual and graphic, will be in solid color unless otherwise specified.

#### **1.2.4 Symbolization**

Symbolization used in the preparation of the IAP Charts, CVFP charts and Airport Diagrams shall be in accordance with the Aeronautical Information/Chart Symbols included herein and in the appendices. Additionally for CVFP charts, symbology used in IAC Specification 2 may be used and landmarks can be depicted pictorially, as required.

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 Type Styles**

The use of capital letters is intended unless otherwise specified as C/L (capital and lower case letters) or lower case.

All type unless otherwise specified shall be Futura Medium or as indicated in the various appendices.

### **1.3 SPECIFICATION APPENDICES**

Appendices are included within these specifications for use in layout, format and content of the various IAP Charts, CVFP charts and Airport Diagrams. Appendices do not necessarily reflect all possible operational content.