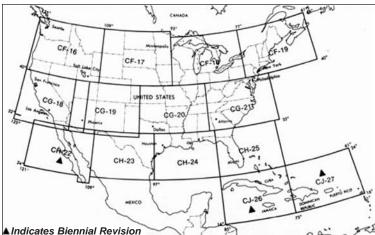
JAL NAVIGATION



World Aeronautical Charts for the conterminous U.S., Mexico, & Caribbean Areas

OTHER VFR CHARTS:

VFR-IFR Wall Planning Chart (U.S.)	P/N 13-30703
U.S. Gulf Coast VFR Chart	P/N 13-30704
Grand Canyon VFR Chart	P/N 13-30706
Baltimore-Washington Helicopter Route Chart	P/N 13-30707
Chicago Helicopter Route Chart	P/N 13-30709
Houston Helicopter Route Chart	P/N 13-30711
Los Angeles Helicopter Route Chart	P/N 13-30712
New York Helicopter Route Chart	P/N 13-30713

WORLD AERONAUTICAL CHARTS

World Aeronautical Charts by NOS are designed to provide standard for the land areas of the world in a size and scale convenient for navigation by moderate-speed aircraft. Topographic information includes cities and towns, principle roads, railroads, distinctive landmarks, drainage, and relief. Aeronautical information includes visual and radio aids to navigation, airports, airways, restricted areas, obstructions, and other data considered pertinent. Scale 1:1,000,000 or 1 to 13.7 nautical miles, less detailed than Sectional & Terminal Area Charts, but useful for longer distance planning. Revised annually. 12 charts cover the US

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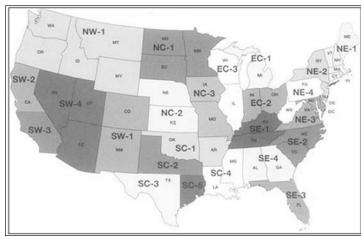
World Aeronautical Charts for Alaska



Chart Master

Chart

CHART MASTER Chart Master is Aircraft Spruce's new online chart selection program designed to tell you exactly which aviation charts you will need for the route you intend to fly. Just plug in the 3 letter airport identifiers for your departure and destination airports, and Chart Master will pro-On-line vide you with a list of all of the charts needed for your route. Select VFR (sectional, terminal, WAC, AFD, or IFR (Low altitude enroute) or both and order any or all of the charts listed by Chart Master. This program is available on line at www.aircraftspruce.com. Selector



TERMINAL PROCEDURES COVERAGE OF THE CONTERMINOUS U.S.

Includes: • Instrument Approach Procedure (IAP) Charts • Departure Procedure (DP) Charts • Standard Terminal Arrival (STAR) Charts • Charted Visual Flight Procedures (CVFP) • Airport Diagrams

IAP Charts are designed to provide an IFR descent from the enroute environment to a point where a safe landing can be made. DP charts are Air Traffic Control (ATC)-coded departure procedures which have been established at certain airports to simplify clearance delivery procedures. STAR charts are ATC-coded IFR arrival routes established for certain airports to simplify clearance delivery procedures. CVFPs are an operational technique designed to move air traffic safely and expeditiously. In addition to conventional visual approach procedures, it has been necessary to specify routes/altitudes to enhance noise abatement at some locations. CVFPs have been developed to provide a pictorial display of these visual arrival routes. Airport Diagrams are specifically designed to assist in the movement of ground traffic at locations with complex runway/taxi-way configurations and provide information for updating geodetic position navigational systems aboard aircraft.

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CALIFORNIA AERONAUTICAL CHART

f you are planning a flight within the state of California, check out the 2002-2003 California Aeronautical Chart, which covers the entire state on one page and also nclude 5 sectional charts (Klamath Falls, San Francisco, Los Angeles, Phoenix and Las Vegas) The chart is designed for planning purposes, not for navigation. P/N 13-30800.....

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