

Jeppesen Training Services

CHARTS & NAVIGATION WORKSHOP (CNW)

COURSE DESCRIPTION

The Charts & Navigation Workshop is an advanced course designed to provide experienced chart users with training on the details and information found on Jeppesen Charts and Airway Manuals.

COURSE BENEFITS

This workshop will provide advanced insight into the critical information and subtle nuances of the procedures depicted on Jeppesen charts. This course also provides an overview of various ICAO and local rules and regulations. This workshop can be tailored to address operator specific route structures and airports.

COURSE CONTENT

Charting

- Charting Basics
- Charting Management
- Airport Charts
- Enroute High and Low Altitude Charts
- Area & STAR Charts
- Approach Charts
- AMU & Polar Charts
- Airline Tailored Charting

INS and FMS Systems

Satellite Navigation Systems and Performance Based Navigation

WHO SHOULD ATTEND

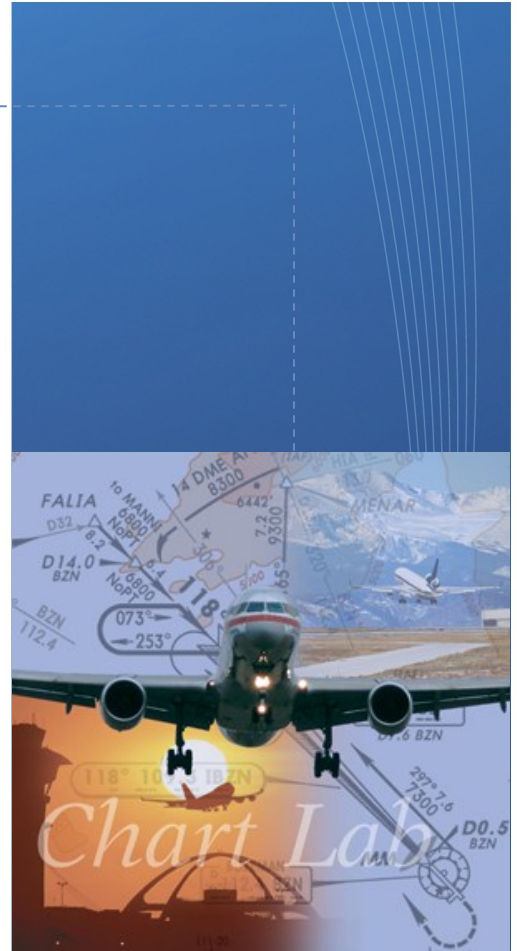
- This workshop is designed for not only airline pilots, but also flight crew members, flight operations officers, dispatchers, and Aeronautical Information Services (AIS) personnel.

COURSE LENGTH AND PRICING

The CNW course can be delivered in 1-day, 2-day, or 3-day formats depending upon the depth of content desired. Pricing is based upon training location and duration. Contact us for more information.

TRAINING LOCATIONS

Groups with more than seven (7) students can schedule custom class dates at Jeppesen or Boeing worldwide training facilities, or at the customers training facility.



CONTACT JEPPESEN

Global Toll-Free via Skype:
+1-800 537 7292

Direct: +1-303-328-4423

Email: jeppesenacademy@jeppesen.com

ONLINE INFORMATION

Course Details:

www.jeppesen.com/cnw

Registration:

www.jeppesen.com/trainingregistration

Jeppesen Training Services

CHARTS & NAVIGATION WORKSHOP (CNW)

COURSE SYLLABUS

CHARTING

• Introduction to Aeronautical Charting

- ▶ Data Collection & Compilation
- ▶ Quality Control Process
- ▶ Chart NOTAMS
- ▶ Revision System & Cycles
- ▶ Electronic Navigation
- ▶ Standard vs Tailored
- ▶ Specialty Charts (Plotting, ETOPS, etc)
- ▶ NavData Limitations
- ▶ Procedure Design Issues

• Charting Basics

- ▶ Chart Numbering System
- ▶ Index Panel
- ▶ Heading
- ▶ Coverage Diagram
- ▶ Airspace Limits and Classifications Information
- ▶ Communications Information
- ▶ Restricted Airspace Panel
- ▶ Cruising Information
- ▶ Off-Chart Notations
- ▶ Weather Information
- ▶ RNAV Information

• Airport Charts

- ▶ Standard Charting format
- ▶ Special Airport Charts
- ▶ Symbolology & Legend
- ▶ Standard Instrument Departure Charts
- ▶ Airport and Departure Procedure Information
- ▶ Supplemental Pages
- ▶ Runway Incursion Hotspots
- ▶ Surface Movement & Guidance Control System
- ▶ SID Departure Design Considerations
- ▶ Aircraft Performance Considerations

• Enroute High and Low Altitude Charts

- ▶ Symbolology
- ▶ Navigational Database Limitations
- ▶ Altitude Information
- ▶ Communications Information
- ▶ Isogonic Information
- ▶ Example Breakdown

• Area & STAR Charts

- ▶ Symbolology
- ▶ Sector Arrival Chart
- ▶ GPS/FMS Arrival Chart
- ▶ Operational Considerations

CHARTING, Cont.

• Approach Charts

- ▶ Chart Format
- ▶ Symbolology
- ▶ Briefing Strip Information
- ▶ Plan View Information
- ▶ Profile View Information
- ▶ Landing Minimums Information
- ▶ LNAV/VNAV
- ▶ Operational Considerations
- ▶ Evolution of Charting Improvements

• AMU & Polar Charts

• Airline Tailored Charting

NAVIGATION

• Inertial Navigation & Flight Management Systems (FMS)

- ▶ Inertial Navigation Systems
- ▶ Flight Management Systems
- ▶ Navigation Databases
- ▶ Area Navigation Systems
 - Basic Principles
 - RNAV and the FMS



CONTACT US

MAIN HEADQUARTERS
Americas: 303 328 4423
Europe: +49 (0) 6102 5070

E-MAIL
jeppesenacademy@jeppesen.com

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