



# WORLD CLASS CAPABILITY

Preparing P-8 Aircrews and Maintenance Technicians  
Around the Globe

BOEING GLOBAL SERVICES

FULLY INTEGRATED  
**P-8**  
TRAINING  
SYSTEMS

# THE BOEING P-8

The P-8, built on the reliable and proven 737 platform, employs an advanced open architecture mission system and next-generation radar, sensors and engines to dramatically improve anti-submarine warfare, anti-surface warfare and armed intelligence, surveillance and reconnaissance operations.



# TRAINING SOLUTION

Boeing's P-8 training solution allows crews to gain real-world proficiencies with greatly reduced fuel, maintenance and aircraft lifecycle costs. From classroom-based training and flight crew simulators to virtual maintenance trainers, Boeing's training solutions yield significantly less risk by allocating the aircraft and its mission systems to operational readiness.

As a commercial derivative of the 737 platform, the P-8 leverages resources, innovation and talent from across the company. This is why Boeing is uniquely positioned to meet customers' needs by providing training solutions that most accurately simulate mission requirements.



## Full Spectrum Training

Boeing's full range of P-8 training products and services include a suite of training devices, classroom-based training, in-flight training and more, all designed to fit any customer's needs:

- Full Suite of Courseware
- P-8 Familiarization Course
- Aircraft Currency Training and Training Device Upgrades
- Integrated Maintenance Training
- Aircrew, Maintenance and Simulator Technician Training
- European Military Airworthiness Requirement (EMAR) Compliant Training

## Benefits of Boeing Solutions:

- Equipment, Software, Courseware, Personnel and Logistics Available from Original Equipment Manufacturer
- Simulator Operation Cost is a Fraction of Cost to Fly the Aircraft
- Crew Readiness and Proficiency for Multiple Mission Profiles
- Worldwide Availability with Local Staffing through Regional Boeing Subsidiaries
- **Seventy Percent of U.S. Navy P-8 Training on the Ground, Including Boeing's Training System**

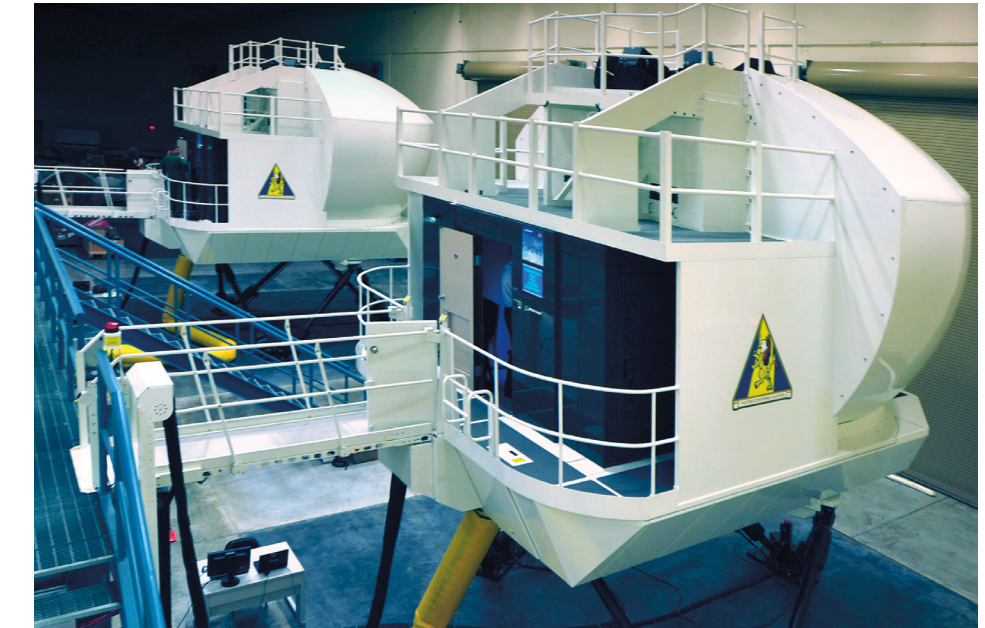


# FLIGHT DECK

## The Operational Flight Trainer

**Equipment duplicates the cockpit of the actual P-8 aircraft, giving the flight deck crew a full-motion, immersive trainer.**

- High Resolution 220x60 Degree, Out-the-Window Field of View
- Electric Motion, Primary and Secondary Flight Controls
- Mix of Avionics and Simulations for High-Fidelity Operation
- To Create Fully Integrated Flight and Mission Crew Training, the Operational Flight Trainer (OFT) can be Electronically Coupled with the Weapons Tactics Trainer (WTT) to Make Up the Weapons Systems Trainer (WST).



## Flight Management System Trainer

**A PC-based training device that provides focused pilot training through simulations, graphic display panels and indications.**

- Allows Pilots to Build P-8 Proficiency in Flight and Route Management in a Classroom Setting
- Develops Critical Platform Knowledge through Digital Courseware, Learning Aids and Reference Materials
- Reduces the Demand and Usage Costs of Performing Training on P-8 Aircraft or OFT Training Device Assets





### The Weapons Tactics Trainer

**The Weapons Tactics Trainer is an innovative, fully integrated mission crew trainer that uses drop-in mission and acoustic Operational Flight Programs.**

- Incorporates Range-Dependent, Physics-Based Sonobuoy and Ocean Acoustics Modeling
- Provides Realistic Weapons Deployment and Post Launch Behavior in All Environments
- Enables Fault Insertion and Degrade Equipment Performance to Simulate Operational Missions
- Networks with the Operational Flight Trainer for Complete Mission Training
- Allows for Comprehensive Brief/Debrief Capability, Including Full-Mission Playback
- Able to Perform Coordinated Operations with Other Training Devices in Single, Networked Scenario

# MISSION

### Mission System Desktop Trainer

**A PC-based training device that provides focused mission crew training by introducing the P-8 Operator Machine Interface. Individual students become familiar with the location of on-screen menu items with the mission software.**

- Allows Mission Operators to Gain and Maintain Proficiency in a Classroom Setting
- Provides Crucial Knowledge for All Mission Crew Positions through Electronic Classrooms, Interactive Learning Modules and Digital Technical Publications
- Original Equipment Manufacturer Solution Allows Rapid Updates for Aircraft Concurrency



### Mission Part Task Trainer (PTT)

**Used for individual or sub-team learning, practice and refresher training, this trainer allows for:**

- Individual Training and Skill Refreshment
- High-Quality Simulation Environment
- Individual or Sub-Team Interactions
- Capable of Replaying Acoustic Data Captured on Flight Events



READINESS  
BEGINS WITH  
TRAINING

FULLY INTEGRATED  
**P-8**  
TRAINING SYSTEMS

P-8 Virtual Maintenance Trainer



# MAINTENANCE

## Maintenance Training Solutions

**The key to mission readiness, Boeing offers a full spectrum of maintenance training solutions which include:**

- Classroom Instruction, Courseware and Computer-Based Training for Broad Coverage of Aircraft Systems
- Virtual Maintenance Trainer Supporting Over 2,500 Maintenance Procedures
- 3D Depictions of P-8 aircraft with Simulations of Aircraft Systems, Allowing Student Interaction with Aircraft Mission Software



- Focused Training on Fault Isolation, Component Removal/Install and Systems Operation
- Ordnance Load Trainer to Full Scale of P-8 Aircraft, Allows Training of Weapons and Search Store Loading and Unloading
- Hardware Devices Representing Different Sections of the Aircraft to Support Hardware Removal and Installation Training
- Virtual and Augmented Reality Training Options
- Maintenance Practical Elements Training and Syllabus



FULLY INTEGRATED  
**P-8**  
TRAINING  
SYSTEMS

READINESS **BEGINS WITH TRAINING**

**The Boeing Company**  
P.O. Box 516  
St. Louis, MO 63166-0516

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