

## **Industrial Tours** *Registration required. Fee for each tour is \$50; tours run concurrently.*

### **The Boeing Company**

Take a guided tour of The Boeing Company facility in Mesa, Ariz. where the Apache helicopter is produced. Highlights include an overview briefing of Boeing Rotorcraft programs – including the AH-64D and AH-6; and Global Services & Support. Lunch will be provided during a welcome and introduction period. Also, a question and answer session will follow the tour. Individuals planning to attend this tour should wear closed toed shoes and leave all electronics devices including camera phones, and laptop computers in a secure location as they will not be permitted at the Boeing facility. The Boeing Company in Mesa, Ariz. is one of the world's leading producers of military rotorcraft and electrical subassemblies for Boeing military and commercial aircraft programs. The site supports the customer and products from concept through design, manufacturing and support of its products and services. Mesa is a high technology research and state-of-the-art manufacturing, assembly, integration, and test development center with the finest simulation facilities in the world.

### **Honeywell Phoenix Repair and Overhaul Tour**

*Limited to U.S. Citizens Only*

Tour this 300,000 square-foot facility, which combines state-of-the-art manufacturing with Six Sigma Plus methodology to ensure high quality repairs. The tour will showcase processes for sustaining process improvements, unscheduled repairs, work scoping, parts delivery and outsourcing on auxiliary power units and propulsion engines. Honeywell International is a \$38 billion diversified technology and manufacturing leader, serving customers worldwide with aerospace products and services; control technologies for buildings, homes and industry; automotive products; turbochargers; and specialty materials. Honeywell's aerospace business is a leading global provider of integrated avionics, engines, systems and service solutions for aircraft manufacturers, airlines, business and general aviation, military, space and airport operations. Honeywell's Defense and Space business resides within its \$12 billion aerospace business and provides the division with about 40 percent of the total aerospace sales. Honeywell Defense and Space designs, manufactures, markets and supports control, display and test systems for military aircraft and surface vehicles for the U.S. Department of Defense and its prime contractors. It provides similar systems for allied nations under licensed export agreements.

### **Luke Air Force Base**

Welcome to Fighter Country – home of the 56th Fighter Wing. As the U.S. Air Force's largest fighter wing and the only active duty F-16 training base in the world, Luke Air Force Base plays a critical role in protecting America's freedom and security. Luke Air Base's mission is to train the world's greatest F-16 fighter pilots and maintainers, while deploying mission ready warfighters. And with over 7,000 employees and a financial impact of over \$2.1 billion annually, Luke Air Force Base is critical to the state of Arizona's economic viability. The tour will focus on Air Force field maintenance capabilities, including visits to the Field Training Detachment, Propulsion Shop, Phase Dock, and Cannibalization Dock. Additionally, the tour will visit the Falcon Simulator North. Don't miss this opportunity to see U. S. Air Force maintenance first hand.

### **US Airways Technical Operations Service Center**

The US Airways Technical Operations Service Center is a 376,000 square foot facility that houses a supply chain warehouse, support offices, 4 commercial aircraft maintenance bays and a ground support equipment maintenance shop. The aircraft maintenance performed by US Airways at this facility include B737, A320 Family and B757 scheduled maintenance checks and unscheduled maintenance. Examples of the unscheduled maintenance are engine changes, control surface repair, landing gear diagnostics and flight system interrogation. Within the facility is an engine build up department responsible for QEC build up and teardown of CFM56-3, V2500 A1/A5 and RB211-535 engines. In addition to the 4 hangar bays, there are 7 exterior maintenance pads and 2 engine run up pads. Line Maintenance operates 24 hours a day, 365 day a week. This guided tour will visit numerous shops and receive a brief on maintenance procedures and practices at a world class service facility.

