



**ROBERT H SHEPHERD**

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## **PROFILE**

### **PERSONAL**

Mr. Shepherd is the cofounder, Vice President and Chief Technology Officer for IAS, LLC. Seeing a need for improved methods and products within the military aviation community and the civilian airlines, he helped to found IAS in 2005. A professional pilot, Mr. Shepherd is a military reservist Col (USAFR) with 21 years of military flying experience in the C5 Galaxy, C17 GlobeMaster and C130 Hercules. He has also been a pilot for Southwest Airlines since 2002, based in Baltimore, MD.

Mr. Shepherd was born in Denver, Colorado in 1965 and grew up in the Denver area. After his graduation from the U.S. Naval Academy at Annapolis, he was stationed in multiple locations with the USAF including Illinois, Texas, California and Delaware where he now resides with his family. Mr. Shepherd also owns his own software company, Shepherd Software Group, LLC.

### **OPERATIONAL EXPERIENCE**

#### **MILITARY PILOT — 1988-2009**

USAF Active Duty 1988-2001, T37 and C5 Pilot. USAF Reserve 2001-2009, C5, C17 and C130 pilot. Mr. Shepherd has concentrated experience in Leadership, Management of Computer Networks and Systems, and the management and development of Standards and Evaluations programs within the AF. He is currently Vice Wing Commander for the 908th AW, Maxwell AFB, Alabama, where he is responsible and accountable for the entire Wing, including Communications/Computer Networks. While at Dover AFB, he assisted in the creation of an award winning Electronic Flight Bag program within Air Mobility Command.

#### **CIVILIAN PILOT— 2002-PRESENT**

Mr. Shepherd has been a Southwest Airlines pilot since 2002. He is rated on the B737 family of aircraft, and has instructed and evaluated in both the simulator and the airplane. He has over 9,000 hours of flying experience.

### **ENGINEERING EXPERIENCE**

#### **PROJECT ENGINEER — 2001-PRESENT**

Shepherd Software Group, LLC. Mr. Shepherd put his engineering degree to use specializing in consulting, hardware and software design, as well as small business network design and management. He created and administered an entire computer network for a small debt collection firm from the ground up, guaranteeing continuous remote employee access.

#### **CHIEF TECHNOLOGY OFFICER 2005 - PRESENT**

IAS, LLC, Wilmington, Delaware. Mr. Shepherd manages all aspects of the IT department. He is responsible to the President for all technology decisions, the design, development, and implementation of all software and hardware systems, the technology support program, all personnel and IT budget management.

### **EDUCATION**

USN Academy, Annapolis, MD. 1983-1987. B.S. Computer Science

University of Idaho, Moscow, Idaho - M.S. Computer Science, 2001. Masters Thesis in Evolutionary Computation

### **PUBLICATIONS**

2003 - Shepherd and Foster, "Inherent Fault Tolerance in Evolved Sorting Networks"

### **SKILLS AND INTERESTS**

Mr. Shepherd enjoys software development, boating and his family. He also loves to fly.