

William Lawhorn Biography After Graduation From USAFA

Undergraduate Pilot Training Reese AFB Class 66B

T-38 Pilot Instructor Training Randolph AFB

ATC Master's (800 IP Hours) and Doctor's (1,800 IP Hours) Degrees of Flight Instruction

ATC Instructor Training Course Randolph AFB

Education

MSE Mechanical Engineering SMU School of Engineering and Applied Science 1974

ED Mechanical Engineering SMU School of Engineering and Applied Science 1978

Employment History

Texas Instruments Avionics and Radar Systems Flight Test Engineer 1969-1971

Missiles and Ordnance Division Aerospace Engineer 1971-1978

Member of Original Paveway Development Team

US Patent 4,327,884 Advanced Air-To-Surface Weapon 1982

Presenter at USAF Supercruise (Advanced Tactical Fighter) Symposium WPAFB

1977

LTV Aerospace and Defense Advanced Weapon Programs Aerospace Engineer 1979-1987

US Patent 4,537,371 Small Caliber Guided Projectile 1985

Rexham Aerospace and Defense Program Manager 1988

UBC Inc Program Manager 1989

University of Texas Institute for Advanced Technology Hypervelocity Effects Division

Consulting Engineer 2000-2003

Research Fellow 2003-2004

Research Scientist 2006-2009

Lockheed Martin Missiles and Fire Control Senior Engineer 2004-2005

Consulting History

Independent Consultant during the period 1990-2003 and from 2009 onward. Work involved conceptual design, development, testing, simulation, and performance prediction of guided tactical missiles and smart munitions. Included conventional and EM propelled ordnance. Clients included:

Alliant Techsystems

BEI Inc

Contraves Goerz

US Army ARDEC (Armament Research Development and Engineering Center)

Mc Donnell Douglas Aircraft

Lockheed Martin Missiles and Fire Control

Texas Instruments Defense Systems and Electronics Group

Technovative Applications Inc

University of Texas Institute for Advanced Technology