

Thomas F McMasters
Mayor of Huber Heights and
Independent Candidate for Congress

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Objective	A position in the U.S. House of Representatives
Profile	<ul style="list-style-type: none">• 26-year military veteran; 20-year Air Force Officer and 6 enlisted years in Army Reserve• Instructor and Educator; Military and Community College Faculty• Mayor of Huber Heights• Human Systems Integration Analyst and Crew Systems Engineer• Senior Acquisition Manager/Test and Evaluation• Test/Research Navigator, Unmanned Aerial Systems (UAS) Operator and Commercial Pilot with over 2,200 military hours and 400 civilian flight hours.• JUCAS Test Pilot and Mission Planner, a \$4B unmanned combat air vehicle technology demo• Government Flight Representative (GFR), the AFRL Responsible Test Agency ensuring safety of flight and company compliance with contractual obligations and DCMA Instructions• Safety Officer - Aircraft Mishap Investigator of Class A, B and C mishaps and maintained oversight of JUCAS, Global Hawk, ABL and Predator test programs• TS-SCI Clearance, Adjudicated Jan 2005.
Education	MAT Secondary Education Mathematics , The Citadel IR/SAR Certificate in Advance Geospatial Intelligence , Air Force Institute of Technology B.S., Physics / Mathematics , SUNY College at Buffalo
Experience & Accomplishments	Mayor of Huber Heights <ul style="list-style-type: none">• Successfully transformed a system that depended on decisions made out of the public view to one full of open public debate.• Created an environment with higher expectations for ROI resulting in higher sponsorship for the Music Center and the City providing low supplements to a developer while still fostering a successful development.• Provides the background and references necessary for residents to have educated discussions on city issues through agenda read ahead materials on the City's website as well as supplemental information and commentary on the website Huberresidents.org Sinclair Community College Adjunct Faculty <ul style="list-style-type: none">• Achieved advance certification as Lecture II Test & Evaluation and Program Management <ul style="list-style-type: none">• Senior Test and Evaluation Manager – The government representative responsible for ensuring contractor tests meet Development Test requirements; reviews Test Procedures, acts as the government's Test Director for contractor led testing, ensures the pedigree of test data, provides cost estimates, develops system requirement documents.• Senior Test and Evaluation manager for JTC TRS – 4th T&E manager in 3 years requiring consolidation and understanding of previous T&E approaches, chairs Integrated Test Team, ensures the program implements an integrated test strategy.• With higher level Small UAS guidance from AFRL still in its infancy implemented fundamental test procedures emphasizing; crew coordination, test card management, configuration control and regulatory standards for the AFRL/RHCI Multi-UAV Supervisory Control Interface Technology (MUSCIT) flight test• Experiment lead for all MUSCIT Spiral 1 simulation test runs - ensured experimental integrity through consistent and reproducible test environment – also instrumental in scenario development, project orientation briefings and data collection• Mission Planner for the JUCAS test team – coordinated closely with test director, mission pilots, software and air vehicle developers to develop mission profiles demonstrating KPP's such as the first UAV precision munitions drop and the first multi-UAV flight - conducted exhaustive simulations successfully exposing then correcting all system and mission faults

Employment	<ul style="list-style-type: none"> Unmanned Aerial Systems Test Pilot for Boeing's X-45 air vehicle as part of the JUCAS program – Successfully flew 19 of the programs 64 sorties including profiles requiring the operation of two vehicles simultaneously – lead for taxi test demonstration, that required honing of software performance, developing taxiway mapping system, honchoing through SRB and TRBs, and mission execution – All mission objectives complete on first run GFR for the \$32M, 1800 flight hour Persistent Intelligence Surveillance Reconnaissance Capability (P-ISRC) Program (Angel Fire) – acts as the Responsible Test Agency for all flights conducted in support of the program, supervises the construction of the contractors “Ground and Flight Procedures”, evaluates and approves crewmember qualifications 	
	Decypher Technologies San Antonio TX	<i>Apr 2015-</i>
	Human Systems Integration Analyst , 711 HPW/HPI, Wright Patterson AFB	<i>Present</i>
	Utilizes knowledge gained in a wide array of Air Force operational and program experience to apply the principles found in the nine HSI domain elements to optimize system performance.	
	SERCO-NA Fairborn OH	<i>Feb 2011 -</i>
	Senior Test and Evaluation Manager , AFLCMC/WIS, Wright Patterson AFB	<i>Jan 2015</i>
	Supports development of Radio Frequency Countermeasures (RFCM) and MC130 Common Terrain Following / Terrain Avoidance Radar System (MCTF).	
	URS Corp Beaver Creek OH	<i>Mar 2010–</i>
	Senior Test and Evaluation Manager , ASC/WNS, Wright Patterson AFB	<i>Jan 2011</i>
	Supported JTC TRS development, a simulator designed to train ground forces from all services in terminal control procedures of the delivery of air and ground munitions	
	United States Air Force	<i>1989 -</i>
	(The following positions were during my 20-year Air Force career)	<i>2009</i>
	Crew Systems Engineer , AFRL / 711 HPW / RHCI, Wright Patterson AFB, OH	<i>Jul 2006 –</i>
	<ul style="list-style-type: none"> In house Operational SME for MUSCIT and HSMAY programs providing; operational perspectives in scenario development, flight test expertise, control station configuration and automation capabilities evaluations. Primary experiment conductor for MUSCIT spiral 1A simulation and safety officer for spiral 1B flight test. Developed training strategy that resulted in 4 team members achieving certification to pilot the MLB Bat3 SUAS via the Piccolo Control Center and 1 member certified to “manually” take off and land 	<i>Oct 2009</i>
	Government Flight Representative , AFRL Wright Site, Wright Pat AFB OH	<i>Mar 2008-</i>
	<ul style="list-style-type: none"> The first Primary GFR identified for AFRL's Wright Site – independently established the Wright Sites position requirements based on AFI instructions, DCMA training and AFRL environmental characteristics 	<i>Oct 2009</i>
	UAV Test Pilot & Squadron Safety Officer , 452 FLTS Edwards AFB CA	<i>Dec 2003–</i>
	<ul style="list-style-type: none"> One of three US Air Force Pilots qualified to command X-45 air vehicle Test Navigator on Boeings T-33 an X-45 surrogate aircraft The Air Force Test Operator representative to the Test Plan Working Group during the period the program was scheduled to transition to Milestone B Emissary to ASC/XRA's Project Churchill the joint USAF, USN, UK MOD JUCAS simulation Managed safety program for JUCAS, Global Hawk, ABL and Predator Validated the J-UCAS Test and Evaluation Master Plan required Pre-Mishap Plan Investigated mishaps as required or appointed: including F-15 (Class A) 	<i>Jul 2006</i>
	Course Director Mathematics Instructor , USAFA Preparatory School USAFA CO	<i>Dec 2000-</i>
	Course Manager for statics course - 4 instructors and 220 students	<i>Dec 2003</i>
	Evaluator Navigator and Wing Tactics Officer , 97 AMW Altus OK	<i>Dec 1997 -</i>
	Core cadre C-141B Special Undergraduate Navigator Training Schoolhouse	<i>Dec 2000</i>