



Engineer of the Year 1989-90

BRIGADIER GENERAL ROY M. GOODWIN

Brigadier General Roy Goodwin, from Jackson, Ohio received his B.S., in Civil Engineering at Ohio University in 1959, his M.S. in Civil Engineering from the University of Colorado in 1964 and his PhD in Structural Mechanics from the University of Colorado in 1966.

BGen Goodwin has served in a wide range of assignments with the United States Air Force. His duties have varied from base level to executive level staff organizations where he has been responsible for engineering, construction, maintenance and management of large physical plants. He has been extensively involved in teaching and applied research as well as service to both the military and local communities.

Early in his career he served as an Associate Professor in the Department of Engineering Mechanics at the U.S.A.F. Academy. After a tour of duty as Director of Programs, 7th Air Force Civil Engineering, Tan Son Nhut Air Base, Republic of Vietnam, he was assigned to the Air Force Weapons Laboratory in New Mexico. Later serving at Defense Nuclear Agency, Nevada Test Site, he was responsible for construction in support of seven underground nuclear tests. Under his supervision the base Civil Engineering office at Travis Air Force Base in CA, was awarded honors for their energy conservation program. After serving as Assistant Deputy Chief of Staff, Engineering and Services, Langley AFB and as Deputy Chief of Staff, Engineering and Services at Hickam AFB, HI, he was assigned to his current duty in 1984 as Deputy Chief of Staff, Engineering and Services, Headquarters Tactical Air Command, Langley AFB, VA. In this position BGen Goodwin directs the execution of TAC real estate programs and is responsible for assets valued at \$15 billion and 6.7 million acres of land. He also directs the execution of TAC's Construction Programs which currently total 124 major projects valued at \$518 million.

BGen Roy Goodwin has many accomplishments in his career to be proud of; some of which are: Establishing an Infrastructure Support Team, this has enabled TAC Bases to receive their fair share of dollars to improve infrastructure; He was instrumental in obtaining Air Force's first third-party financed electrical cogeneration plant at MacDill AFB. Over the 30 year contract, the plant will save the Air Force \$42 million. Always on the cutting edge of technology, he understood and pushed the expansion of the Energy Management and Control System HVAC upgrades of 83,000,000 SF of TAC facilities. BGen Goodwin has paved the way to improved data automation support for the TAC Engineering and Services communities.

Many significant achievements in the upgrade of civil engineering services support to flying operations and safety were contributed by BGen Roy Goodwin's imagination and leadership. Through dynamic leadership he has been directly responsible for a number of programs that have raised the standards of facility maintenance while enhancing their livability and appearance.

Brigadier General Roy Goodwin and his wife Linda live on the base at Langley and are involved in many community activities. They have four grown children.