NOMINATION FOR AWARD

AWARD	CATEGORY *(If Applicable)*	AWARD PERIOD
General Thomas D White Pollution Prevention for Team Excellence	Team	01 Oct 00 - 30 Sep 02

RANK/NAME OF NOMINEE *(First, Middle Initial, Last)*	SSN *(Enter Last 4 Only)*	MAJCOM, FOA, OR DRU
		AFMC

DAFSC/DUTY TITLE	NOMINEE'S TELEPHONE *(DSN & Commercial)*

UNIT/OFFICE SYMBOL/STREET ADDRESS/BASE/STATE/ZIP CODE
WR-ALC/EM/455 Byron Street, Suite 465, Robins AFB GA, 31098-1860

RANK/NAME OF UNIT COMMANDER *(First, Middle Initial, Last)*/COMMANDER'S TELEPHONE (DSN & Commercial)
GS-15 Steven W. Coyle DSN 468-9645 Com (478) 926-9645

SPECIFIC ACCOMPLISHMENTS *(Use single-spaced, bullet format)*

The WR-ALC Pollution Prevention (P2) Team uses a collaborative approach to effectively manage and allocate a $3.5-$5.0M annual budget--Our P2 team has created a progressive and comprehensive P2 program reaping benefits for the military and civilian environmental community! Great Team Effort!

FEDERAL COMPLIANCE WITH "RIGHT-TO-KNOW" LAWS AND P2 REQUIREMENTS:

- Increased the accuracy of Toxic Release Inventory (TRI) reporting by refining data gathering techniques--right on track to meet all reduction goals as outlined in Executive Order 13148
- Reduced methylene chloride usage and disposal, our largest use TRI chemical, by 125K lb/yr (15%)
- Annual savings of $900K and annual reduction of 22,500 gallons of methylene chloride and 2,200 gallons of methyl ethyl ketone using Flashjet depaint for aircraft radome--Weapon system support!
- Proactive partnering with State Emergency Response Commission to train base emergency planners

RESEARCH, DEVELOPMENT, AND TECHNOLOGY DEMONSTRATION/VALIDATION:

- High Velocity Oxygen Fuel System, a chrome replacement project, reduces chrome use and emissions
- Team driven Process Specific Opportunity Assessments (PSOA) identified and implemented
  -- Flightline oil/water separation system reduces vacuum hazardous waste (HW) disposal by an estimated 125K lbs/yr, saving $102K annually; Industrial Wastewater Treatment Plant Optimization reduces sludge generation 25% and chemical treatment quantities 20%, a savings of $151K annually
- Validating new coating/depaint technologies, including non-residue dry media, barrier coating
  -- Barrier coating projected to save $22M/yr, eliminate 97% of exposure to hazardous materials
- Leader in alternative fuel vehicle projects--microturbine generator replacing diesel engine--electric & hybrid/electric flightline loaders--mobile source emission evaluation--zero-emission electric bus demo
- Reduced chlorofluorocarbons by 5000 lbs/yr by implementing replacement for gyroscope cleaning

METHODS TO RECYCLE HAZARDOUS CHEMICALS/MATERIALS:

- Installed paint gun cleaners with integrated distillation units--reclaiming 90% cleaning solvents!
- Reduced 408 tons of hazardous waste (HW) disposal in 2001 as a result of recycling: hand-wipe cleaning rags, industrial waste water sludge, used oil, fluorescent bulbs, lead acid/NiCad batteries
- Founded hazardous materials (HM) freebies program emphasizing reducing and reusing excess and expired shelf-life HM--Great results--$1.5M cost avoidance to date--$196K in 2001 alone!
- Instituted no-notice HW/HM inspections, results sent to Center Commander, additional training on handling/storing HM at shop level--Implemented HM Quality Project dramatically improving reporting accuracy--Successful management of HW/HM resulted in excellent State HW inspection

DEVELOPING METHODS TO IMPROVE OFFICE/WORK AREA AND CURBSIDE RECYCLING PROGRAMS:

- Diverted 52% solid waste stream from landfill disposal by reducing, reusing, recycling, and composting--1022 tons cardboard, 1276 tons paper--years ahead of DoD and Air Force goals
- Strong commitment to buying recycled--all government credit card users trained on requirements: paper products contain minimum 30% recycled content, playground equipment made with recycled materials, compost used in base landscaping--Award winning recycling program!
- Established base-wide water conservation policy that saved more than 50 million gallons in 2001

DEVELOPING BASE COMPOSTING PROGRAM:

- 100% of yard/horse stable waste diverted from landfill disposal (1,300+tons/year composted) in partnership with city of Warner Robins--selected site and initiated contract for on-base composting

ENHANCING AWARENESS OF RECYCLING PROGRAMS:

- America Recycles Day Event selected by Georgia Recycling Coalition as best in state of Georgia
- Co-chair of GA P2 Assistance Division Solid Waste Committee--Educated schoolchildren, housing residents on HM management, HW/SW reduction, recycling, affirmative procurement, conservation
- Sustainable design training conducted for Civil Engineering (CE), incorporating Leadership in Energy and Environmental Design into construction contracts such as new base entrance and visitor's center