Materials & Manufacturing Directorate
TECHNOLOGY DIVISIONS

DIRECTOR
Dr. C.E. Browning
937-255-4726

ASSOCIATE DIRECTOR
Mr. T. Dues
937-255-2738

DEPUTY DIRECTOR
Col R. L. Tipton
937-255-2738

CHIEF SCIENTIST
Dr. W. W. Adams
937-255-6825

SPACE MATERIALS OFFICE
Mr. Michael Stropki
937-656-6482

- POC for spacecraft, launch & missile material technologies

INTEGRATION & OPERATIONS DIVISION (MLO)
Mr. G. F. Schmitt
937-656-9209

- Adv materials process control
- Self-directed, self-improving manufacturing systems

AIRBASE & ENVIRONMENTAL TECHNOLOGY DIVISION (MLQ)
Col. N. J. Lamb
850-283-6274

SYSTEMS SUPPORT DIVISION (MLS)
Mr. G. K. Waggoner
937-656-6052

- Structural and electronic failure analysis
- Corrosion and coatings
  - Coatings Technology Integration Office
- NonDestructive Evaluation
- Chemical analysis
- Engineering and design data
- Materials behavior and evaluation
- Composites supportability
- Hazardous materials elimination/ minimization
- Engineering and logistics support to AFMC (ALC's & Product Centers) & MAJCOMs
- AF Program Offices
  - NonDestructive Inspection
  - Corrosion
  - Advanced Composites
  - ElectroStatic Discharge

MANUFACTURING DIVISION (MLM)
Mr. W. J. Schulz (act)
937-255-3300

- Advanced industrial practices
- Materials process design
- Design & production methods
- Industrial infrastructure
- Electronics components & processes
- Fabrication & assembly
- Defense production
- Composites Affordability
- Lean Aerospace

NONMETALLIC MATERIALS DIVISION (MLB)
Mr. R. L. Rapson
937-255-9018

- Composite materials for aircraft, spacecraft, and missiles
- Thermal protective materials
- Mechanics of composites
- Surface phenomena/interactions
- Polymer synthesis
- Computational chemistry
- Aircraft and spacecraft coatings
- Fluids, lubricants, and tribological research
- Solid and liquid lubricant development

METALS, CERAMICS, & NDE DIVISION (MLL)
Dr. W. M. Griffith
937-255-9790

- Advanced metals and intermetallics
- Metal matrix composites
- Ceramics
- Materials behavior and life prediction
- Advanced inspection technology
- High resolution flaw/feature imaging
- Quantitative defect characterization
- Computed tomography

SENSOR MAT'LS & SURVIVABILITY DIVISION (MLP)
Mr. W. R. Woody
937-255-4588 x3200

- Infrared detector materials
- Semiconducting and high temperature, superconducting materials for microwave & microelectronic applications
- Superlattice & quantum well mat'ls
- Growth and processing technology
- Infrared transparent materials
- Laser-hardened materials and concepts for aircraft, satellite, and missile systems
- Optical sensor protection
- Biomaterials for laser-hardening applications