

Group C Priorities

1. Basic/applied research needs that should be addressed by AMTAS
2. Educational/training courses that should be developed by AMTAS
3. Long-term growth of AMTAS (new funding/members)

1. Research needs

- Repair—infrastructure/training
- Manufacturing (life cycle view)
- Design/performance equation
- Nanotechnology
 - implications of nano materials
 - nanotech of multifunctional films (near-term)
 - nano regulatory issues
- Structural health monitoring—components: technology, value
 - smart structuring—static/dynamic
- International field testing/standardization
- Larger scale mechanical property testing

2. Training

- Clarification of certification process for composites
- Goal is to be effective on a global basis
 - identify curriculum elements that are transferable
 - applied/practical modules
- Enhance lab facilities/experience
 - network of labs? U.S., international

3. AMTAS growth

- Why R&D at AMTAS? / market benefits of involvement
 - **value chain**—align with R&D
 - everyone contributes to area
 - regulatory oversight responsibilities