



Micro/Nano Encapsulation for Advanced Composite Aircraft



| | Description |
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|  | <ul style="list-style-type: none"> • Primary: Developmental, Multi-platform; Develop material to allow field level composite maintenance and repairs • Customers: All Aircraft • Contract Type: Development • Program Type: DoD wide, primarily USAF • Number of Users: ~ 15 DoD Depots and 5 OEMs with ~100 Weapon Systems |
| Project | POCs |
| <ul style="list-style-type: none"> • Objective: Field self healing encapsulated polymers that when composite is damaged releases reactive polymer catalyzed with nano particles to maintain facture toughness of woven composite structure. • Scope: ESOH • Acquisition Approach: TBD • Timeframe: Start date FY20 • Dollar Value: TBD • Identify Challenging Requirements: Finding compatible self healing nano polymers | <ul style="list-style-type: none"> • POC(s): <ul style="list-style-type: none"> ○ Project Manager: 937-255-3530, AFLCMC/WNVV ○ Contracting Officer: 937-255-2977, AFLCMC/WNVK ○ Technical Lead: 937-255-3530, AFLCMC/WNVV |