

## Rockwell Collins Lead-Free Road Map



### Material Investigations

- Solder Alloy Selection
- Flux Selection
- JCAA/JGPP Test Program (Testing Lead-Free Finishes on Components and Lead-Free Solders)

### Process Capability and Reliability Investigations

- Wave Solder Trials
- Reflow Process Trials
- Equipment Analysis
- CALCE Test Program

### Product Pathfinder Trials

- Commercial Avionics Product
- Military Avionics
- Additional Product Selections

### Implement Lead-Free Process

- Selected Facility Implementation including materials, process and product documentation activities