# Fire Safety

### Program Description:

Investigate and evaluate alternative strategies and technologies relating to passenger rail system fire safety.

### Scope of Problem Addressed:

FRA ensures passenger and crew safety by issuing regulations and working with industry to update standards to prevent and mitigate consequences of fires involving passenger railroad equipment to extent that they cannot be prevented.
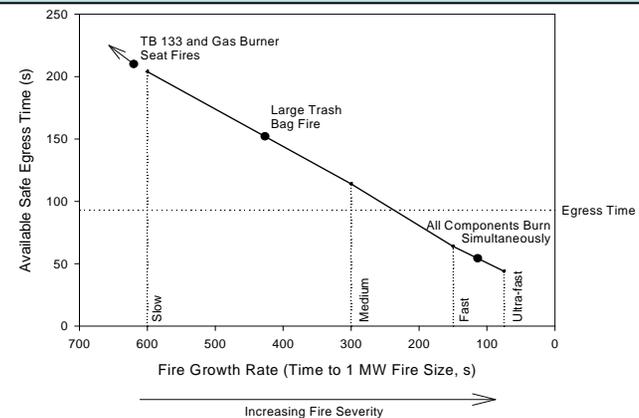


### Planned Milestones/Deliverables:

**Deliverables**:

- Fire test data results

- Fire growth computer model that can be used with egress commuter model to evaluate passenger car design

- Recommendations for revised fire safety performance requirements

**Lessons Learned**:

Ongoing – to be documented in technical reports.



### Strategic Goals and Benefits:

Provide support to FRA by providing sound technical basis for revising the content of passenger train fire safety-related CFR regulations.