



# FLAMMABILITY LAB

PREMIUM PRODUCTS WITH PREMIUM SERVICE FROM AN ESTABLISHED OEM PROVIDER

## FLAMMABILITY LAB CAPABILITIES

Duncan Aviation's Flammability Lab has testing capabilities for Part 23, 25, 27 and 29 type aircraft. Multiple types of flammability test plans and reports are available. Comprehensive test results in a universal format recognized by the FAA, TCCA, EASA and other CAA entities. This testing includes the following:

- Bunsen Burner - Self Extinguishing, Vertical 12- and 60-second test
- Bunsen Burner - Flame Resistant, Horizontal 2.5- and 4-inch/minute burn rate
- Bunsen Burner - Fire Resistant, 45-degree burn-through test
- Bunsen Burner - Self Extinguishing, 60-Degree wire insulation test
- Open Flame - Fire Containment, Waste Compartment test

## COMPLIANCE FINDINGS FOR REGULATIONS

- PART 25
  - 25.853(a) & (h) per current and previous amendment levels
  - 25.855(d) per current and previous amendment levels
  - 25.1351(d) amendments 25-1 up to 25-72
  - 25.869(a)(4) amendments 25-72 thru 25-113
  - 25.1713(c) amendment 25-123 thru current
- PART 23
  - 23.853(a), (d)(1 & 3), & (f)
  - 23.855(b), (c)(2 & 3)
  - 23.1359(c)
- PART 29
  - 29.853(a) & (d)
  - 29.855(a)
  - 29.1359(c)
- PART 27
  - 27.853(a)
  - 27.855(a)
  - 27.1365(c)

## CUSTOMER BENEFITS

- Low temperature kiln for accelerating finish cure times
- In-house flammability qualified company DER for data approvals
- On-staff ODA Unit Managers for STC or MRA type project approvals
- Detailed reports providing the needed data for future repairs and/or alterations

OEM SALES  
Stacy Carnahan  
402.429.4735



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