



# Single Element Process Checklist

Flammability Testing & Certification

## Step 1: General Information

In FAA form 8110-3 may only be issued for material tested in the "as installed state" in support of a FAA Project or major repair & alteration. A completed FAA form 8130-9 and test specimen drawing must be included for each specimen submitted if an 8110-3 is being requested.

**COMPANY NAME**

**CONTACT NAME**

**PHONE**

**FAX**

**EMAIL**

**PURCHASE ORDER**

**AIRCRAFT MAKE**

**AIRCRAFT MODEL**

**SERIAL NUMBER**

**TAIL NUMBER**

## Step 2: Testing Information

**THIS TEST DATA IS GOING TO SUPPORT:**

Field Approval

Technical Standard Order (TSO)

Major Repair & Alteration

Organization Designation Authorization (ODA)

Minor Repair & Alteration Supplemental

Other

Type Certificate (STC)

## TYPES OF SINGLE ELEMENT TESTS AVAILABLE

Horizontal 23.853

60 Second Vertical 25.853(a) App F Part 1

Horizontal 25.853(a) App F Part 1(a)(1)(iv)

45 Degree Angle 25.855(d) App F Part 1

Horizontal 25.853(a) App F Part 1(a)(1)(v)

60 Degree Wire 25.869(a) App F Part 1

12 Second Vertical 25.853(a) App F Part 1(a)(1)(ii)

### Step 3: Requirements for specimens to be tested

Horizontal, 12- and 60-Degree Verticals: Woven specimens (fabric, carpet, etc.) three strips, 3" x 12" cut from across the roll AND three strips, 3" x 12" cut from up the roll. Non-woven specimens (leather, vinyl, plastic, foam, etc.) three strips, 3" x 12". 45-Degree Angle: Three specimens, 8½" x 8½". 60-Degree Wire: Three specimens, 34" long. For more than 4 items, photocopy this page.

#### Item 1

| TESTING METHOD | MATERIAL LOCATION | MANUFACTURER/VENDOR |
|----------------|-------------------|---------------------|
| PATTERN        | COLOR             | PART #              |
| ITEM           | DYE LOT #/ LOT #  | REFERENCE #         |

#### Item 2

| TESTING METHOD | MATERIAL LOCATION | MANUFACTURER/VENDOR |
|----------------|-------------------|---------------------|
| PATTERN        | COLOR             | PART #              |
| ITEM           | DYE LOT #/ LOT #  | REFERENCE #         |

#### Item 3

| TESTING METHOD | MATERIAL LOCATION | MANUFACTURER/VENDOR |
|----------------|-------------------|---------------------|
| PATTERN        | COLOR             | PART #              |
| ITEM           | DYE LOT #/ LOT #  | REFERENCE #         |

#### Item 4

| TESTING METHOD | MATERIAL LOCATION | MANUFACTURER/VENDOR |
|----------------|-------------------|---------------------|
| PATTERN        | COLOR             | PART #              |
| ITEM           | DYE LOT #/ LOT #  | REFERENCE #         |