Single Element Process Checklist

SKANDIA

An 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: E-Mail:

Date Sent: P.O. #:

Aircraft Make: Model: S/N #: Tail #:

TEST DATA IS IN SUPPORT OF **(As Required)** : ☐ Field Approval ☐ Major Repair or Alteration ☐ Minor Repair or Alteration

☐ Supplemental Type Certificate (STC) ☐ Type Certificate (TC) ☐ Technical Standard Order (STC)

TYPES OF SINGLE ELEMENT TESTS AVAILABLE:

1. **Horizontal** 23.853 ☐ 2. **Horizontal** 25.853(a) App F Part 1(a)(1)(iv) ☐ 3. **Horizontal** 25.853(a)App F Part 1(a)(1)(v) ☐

4. **12-Second Vertical** 25.853(a) App F Part 1(a)(1)(ii) ☐ 5. **60-Second Vertical** 25.853(a) App F Part 1 ☐

6. **45-Degree Angle** 25.855(d) App F Part 1 ☐ 7. **60-Degree Wire** 25.869(a) App F Part 1 ☐

Option Request DER Signature: ☐ Yes ☐ No

REQUIREMENTS FOR SPECIMENS TO BE TESTED:

Horizontals, 12- and 60-Second 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.

PLEASE LABEL SAMPLES TO BE TESTED WITH THE CORRESPONDING ITEM NUMBER:

ITEM #1

TEST TYPE TO BE PERFORMED: #
MFR./VENDOR:
PATTERN:
PART #:
COLOR:
WIRE GAUGE:
DYE LOT # / LOT #:
REF. #:
MATERIAL LOCATION:

ITEM #2

TEST TYPE TO BE PERFORMED: #
MFR./VENDOR:
PATTERN:
PART#:
COLOR:
WIRE GAUGE:
DYE LOT # / LOT #:
REF. #:
MATERIAL LOCATION:

ITEM #3

TEST TYPE TO BE PERFORMED: #
MFR./VENDOR:
PATTERN:
PART#:
COLOR:
WIRE GAUGE:
DYE LOT # / LOT #:
REF#:
MATERIAL LOCATION:

ITEM #4

TEST TYPE TO BE PERFORMED: #
MFR./VENDOR:
PATTERN:
PART#:
COLOR:
WIRE GAUGE:
DYE LOT # / LOT #:
REF#:
MATERIAL LOCATION:

*CERTIFICATION FOR PART 27 AND PART 29 ROTORCRAFT (HELICOPTER) AND PART 23 COMMUTER CATEGORY IS ALSO AVAILABLE

Skandia, Inc. • 5000 N. Highway 251 • Davis Junction, IL 61020 • 815/393-4600 • 815/393-6878 fax • Info@SkandiaInc.com