



Single Element Process Checklist

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 Major Alteration Minor Repair

Minor 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: # _____	TEST TYPE TO BE PERFORMED: # _____	ITEM #2
	MFR./VENDOR: _____	MFR./VENDOR: _____	
	PATTERN: _____	PATTERN: _____	
	PART #: _____	PART#: _____	
	COLOR: _____	COLOR: _____	
	WIRE GAUGE: _____	WIRE GAUGE: _____	
	DYE LOT # / LOT #: _____	DYE LOT # / LOT #: _____	
	REF. #: _____	REF. #: _____	
MATERIAL LOCATION: _____	MATERIAL LOCATION: _____		
ITEM #3	TEST TYPE TO BE PERFORMED: # _____	TEST TYPE TO BE PERFORMED: # _____	ITEM #4
	MFR./VENDOR: _____	MFR./VENDOR: _____	
	PATTERN: _____	PATTERN: _____	
	PART#: _____	PART#: _____	
	COLOR: _____	COLOR: _____	
	WIRE GAUGE: _____	WIRE GAUGE: _____	
	DYE LOT # / LOT #: _____	DYE LOT # / LOT #: _____	
	REF#: _____	REF#: _____	
MATERIAL LOCATION: _____	MATERIAL LOCATION: _____		

*CERTIFICATION FOR PART 27 AND PART 29 ROTORCRAFT (HELICOPTER) AND PART 23 COMMUTER CATEGORY IS ALSO AVAILABLE
FL 106-07 Rev. K Release Date: 08/08/22