



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 & Alteration Minor Repair & 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. J Release Date: 02/08/2021