



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:

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|---|---|--|--|
| 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 Is this testing for a helicopter? 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. L Release Date: 05/22/23