Composite Panel Checklist Streameline Testing

TEST SPECIMEN #

Please Indicate Type of Testing Preferred: Streamlined testing (FAA 8130-9 required) Test plan requested Testing Only

					Test plan requeste	u i	
Company Name:			Contact Na	ame:			
Phone:		E-Mail:					
Date Sent:		P.O. #:					
Aircraft Make:		Model:	Ś	S/N #:	Tail #:		
What area of the aircraft of the sidewall cabin floor	loes this panel repres	sent?					
TEST DATA IS IN SU	IPPORT OF (As R	equired): Fi	eld Approval	Major Repair	Major Alteratio	on l	Vinor Repair
Minor Alteration	Organization D	esignation Aut	thorization (ODA	A) Type C	ertificate (TC)		
Technical Standard	Order (TSO)	Suppleme	ental Type Certi	ficate (STC)			
FAA form 8110-3 may o	only be issued air	craft specific f	for U.S. registere	ed or U.S. State	of Design aircraft.		
Please complete checklist f traceability for each panel c	or each panel submit component (Nomex, a	ted. A completed	l FAA form 8130-9, t veneer, leather, fabi	est specimen drawn ric, adhesive, etc.) r	ings, and copies of pack nust be included for eacl	ing slips or h panel set	r invoices providing submitted.
TYPES OF COMPOS	ITE TESTS AVAI	ABLE:					
1. Horizontal 23.853	3 🗌 2. 12-Se	cond Vertical 2	25.853(a) 🗌	3. 60-Seco	nd Vertical 25.853(a)		
4. 45-Degree Angle	25.855(d) App F F	Part 1 🗌	5.60	-Degree Wire 25	5.869(a) App F Part 1		
6. Applicable Tests	for the "as instal	led state" for t	this aircraft 🗌	Is this testing	for a helicopter?	Yes	No
lf Cleandia ia fahr	iaatiwa tha taa		dees Cleand		nominator to inc		0420 0 forme
IT Skandla is fabr	icating the tes	t specimens	s, does Skand	la nave your	permission to iss	ue FAA	1 8130-9 forms
on your benait?	Yes		NO				
DER Signature?	Yes	No					
REQUIREMENTS FOR	SPECIMENS TO	BE TESTED:					
Horizontals, 12- and 6 AND three strips, 3" x Second Verticals more from up the roll. Non-we 60-Degree Wire: Three	0-Second Vertica 12" cut from up th than .25": Wove oven specimens (I specimens, 34" lo	Is less than .2 ne roll. Non-wo n specimens (fa eather, vinyl, pl ng.	5": Woven specin ven specimens (abric, carpet, etc.) lastic, foam, etc.)	mens (fabric, car leather, vinyl, pla) six strips, 3" x 1) six strips, 3" x 1	pet, etc.) three strips, astic, foam, etc.) three 2" cut from across the 2". 45-Degree Angle	3" x 12" c e strips, 3 e roll AND e: Three s	cut from across the rol 3" x 12". 12- and 60 9 six strips, 3" x 12" cu pecimens, 8½" x 8½"
Per FAA Handbook, DC the recorded burn lengt)T/FAA/AR-00/12 (h will be from the f	Chapter 1.0, wh ace with the gre	ien testing two sa eatest burn length	mples per 1.6.2.4 n in accordance w	4 for test specimens g /ith section 1.6.2.9	reater tha	n 0.25" (6.35 mm),
If edge filler is used, it meliminated from the test	nust be called out o specimens per 14	on the 8130-9 b CFR 25.853 A	ut should be omit pp F Part 1(b)(2).	tted from both the	e material list and the	composite	e sketch as it will be
As required by App F, for should be two 1/4" (thre accepted FAA test meth	oam shall be tested e 1/16", etc.) piece nod.	d in 1/2" thickne es glued togethe	esses. If the pane er per AC 25-17 T	l consists of two o Fransport Airplan	or more foams glued t e Cabin Interiors Cras	ogether, t hworthine	he foam specimens ess Handbook or other
Per FAA Fire Handbook minimum thickness will	, DOT/FAA/AR-00 be tested."	/12, Chapter 1,	Paragraph 1.4.4.	1 "For testing put	rpose where a part is	used in se	everal thicknesses, the
Additional reference ma 00/12, FAA Policy State	terial: Advisory Cir ment PS-ANM-25.	cular AC 25—8 853-01.	853-1, AC 21-25A	, AC23-2 and Air	craft Materials Fire Te	st Handb	ook DOT/FAA/AR-
IF USING A P	ROCESS SPECIF	ICATION CALL	LOUT, A COPY C	OF THE PROCES	SS SPECIFICATION N	IUST BE	INCLUDED.
Skandia, Inc. • 50	00 N. Highway 25 [.]	I • Davis Juncti	on, IL 61020 • 81	5/393-4600 • 815	5/393-6878 fax • Info@) Skandial	nc.com

Composite Panel Checklist Streamline Testing

ADDITIONAL COMMENTS:

Packing Lists	or Invoices mu	st be supplie	d as traceability for all items	Test Specime	en #
TEM NO.	ITEM TYPE	ITEM DES	SCRIPTION		P.O. NUMBER
EXAMPLE 1	PANEL	.50" ABC C	Co., P/N 012345 Aluminum Honeycomb		01-2345
EXAMPLE 2	VENEER	.030" XYZ	Corp., Walnut Burl		98765
ITEM NO.	SI	KETCH OF C	OMPOSITE BUILD-UP All Toler	ances +/030"	
					
			•		
			∎	₽	

All work accomplished in accordance with Skandia, Inc. Work Instructions FL101-01 through FL104-01.

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