



16G Replacement Dress Cover Checklist

Flammability Testing & Certification

Step 1: General Information

Please enter all the general information and aircraft fields below. All fields are required.

COMPANY NAME

CONTACT NAME

PHONE

FAX

EMAIL

AIRCRAFT COMPLETION DATE

PUCHASE ORDER

Aircraft Information

AIRCRAFT MAKE

AIRCRAFT MODEL

AIRCRAFT SERIAL NUMBER

AIRCRAFT TAIL NUMBER

DOES SKANDIA HAVE YOUR PERMISSION TO FABRICATE TEST SPECIMENS AND ISSUE FAA 8130-9 FORMS ON YOUR BEHALF?

Yes No

IS TEST DATA IN SUPPORT OF AC 25-25B TSO MODIFICATION?

Yes No

DOES THE SEAT CURRENTLY HAVE MODIFICATION TAG(S) INSTALLED NEXT TO THE TSO TAG?

Yes No If yes, please include a current picture of modification tag(s).

Step 2: Testing & Fabrication

Please enter all the testing and fabrication fields below. All fields are required.

SINGLE PASSENGER SEATS

DOUBLE PASSENGER SEATS

DIVANS

LAV SEATS

JUMPSEATS

CREW SEATS



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Step 3: Dress Cover Replacement

Re-upholstery of a seat can affect its certification basis. The modifier may be required to do additional testing or gain additional approvals to maintain airworthiness approval.

*All aircraft seats require flammability testing for all components of the seat (armrest, shrouds, close-out, drawers, etc.) tested in the "as installed state" per 14 CFR 25.853(a).

SEAT MANUFACTURER

SEAT COMPOSITE TESTS	TO BE TESTED?		IS SKANDIA FABRICATING?	
	Yes	No	Yes	No
ARMRESTS				
SEAT SHROUDS				
SEAT BASE				

Step 4: Seat Part Numbers

Please list out the seat part and serial numbers for each seat on the aircraft.

SEAT PART NUMBERS	SEAT LOCATION	SEAT SERIAL NUMBERS
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Step 4: Seat Part Numbers - continued

Please list out the seat part and serial numbers for each seat on the aircraft.

SEAT PART NUMBERS (CONTINUED)

SEAT SERIAL NUMBERS (CONTINUED)

Step 5: Items Required to Complete Fire-Blocking

Test plan process does not begin until all materials and paperwork have been received.

Copies of **INVOICES OR PACKING LISTS** providing traceability for all fabricating components used in production including: dress cover(s), foam(s), glue, thread, fastener, muslin, canvas, batting, and all other materials used in production cushion assembly.

Please take pictures of each different cushion assembly: backs, bottoms, headrests, legrests/footrests, and armrests. Include dimensions and armrest buildups on steps 8-17 of this checklist. It is very important to simulate the placement of any hook and loop attachment strips that may attach either back or bottom assemblies to the seat frame. Please make sure these are included.

For each different dress cover or cushion buildup:

Leather:

- 75 square feet; or 12 pieces cut 32"x32"; or
- 85 sq. ft. window pane with leather close-out; or
- 80 sq. ft. fully encapsulated with 2" hook and loop

Fabric:

- 40" – 48", 6 yards
- 49" – 53", 5 yards
- 54" – or more, 4 yards

Oil Burn: All materials for oil burn must pass a vertical burn test. If you are supplying materials for an oil burn test, please provide enough material for the vertical burn test.

Additional charges will be assessed for receiving scrap pieces.

PLEASE NOTE: Extra leather or fabric may be required for composite panel testing. Additionally, you may be required to send a small quantity of your adhesive if it is not stocked at Skandia. We will make every effort to stock your glue.



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Step 5: Items Required to Complete Fire-Blocking - continued

IS PADDING OR BATTING/MUSLIN USED ON SEATING SURFACES?

Only .25" padding/batting can be used on the OLA bottom cushion.

IF YES, HOW IS IT HELD IN PLACE?

Yes No Glued Placed Stitched at seams Quilted to dress cover

IF FIREBLOCKING MATERIAL IS BEING USED, HOW IS IT USED?

- Glued on seating surface only
- Placed on seating surface only
- Fully Encapsulated with stitched seams
- Fully Encapsulated with glued seams
- Fully Encapsulated and bonded to foam

Step 6: Production Drawings

If the original production drawings or the original report exist they must be sent either digitally or physically to Skandia.

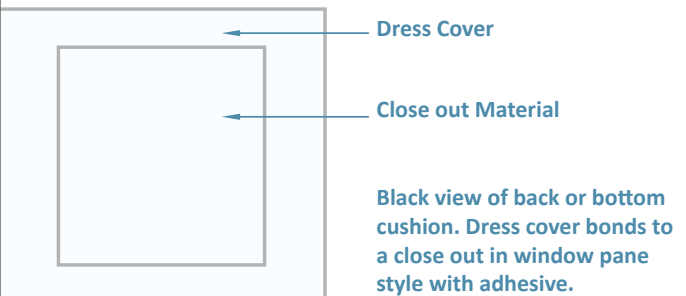
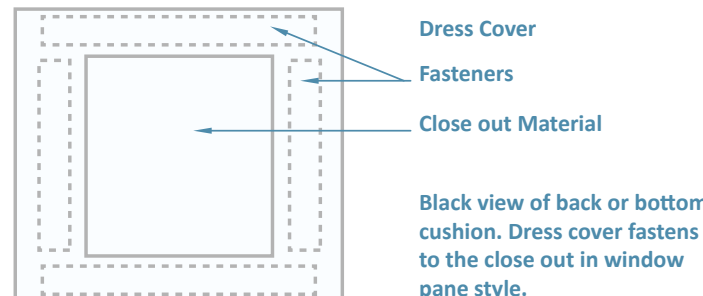



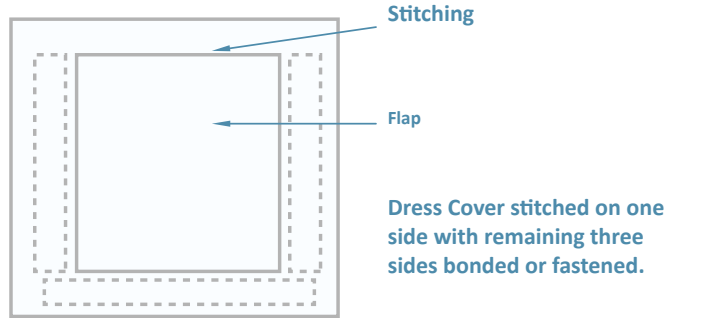
DO YOU HAVE A COPY OF THE ORIGINAL REPORT OR COPIES OF THE ORIGINAL PRODUCTION DRAWINGS?

Yes No If yes, please provide accordingly

ORIGINAL FOAM ASSEMBLY DRAWING NUMBERS BELOW

Step 7: Seam Closure

See example images and enter corresponding number on next page.

<p>Glued Window Pane #1</p>  <p>Dress Cover</p> <p>Close out Material</p> <p>Black view of back or bottom cushion. Dress cover bonds to a close out in window pane style with adhesive.</p>	<p>Fastened Window Pane #2</p>  <p>Dress Cover</p> <p>Fasteners</p> <p>Close out Material</p> <p>Black view of back or bottom cushion. Dress cover fastens to the close out in window pane style.</p>
<p>Fastened Side Seam #3 End view</p>  <p>Fasteners</p>	<p>Glued Side Seam #4 End View</p>  <p>Glue Line</p>
<p>Stitched Side Seam #5 End View</p>  <p>Stitching</p>	<p>Flap Closure #6</p>  <p>Stitching</p> <p>Flap</p> <p>Dress Cover stitched on one side with remaining three sides bonded or fastened.</p>



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Step 7: Seam Closure - continued

See example images and enter corresponding number on next page.

SINGLE PASSENGER SEAT SEAM CLOSURE:

BACK Bottom If "window pane", what is the close-out material?

DOUBLE PASSENGER SEAT SEAM CLOSURE:

BACK Bottom If "window pane", what is the close-out material?

DIVAN SEAT SEAM CLOSURE:

BACK Bottom If "window pane", what is the close-out material?

LAV SEAT SEAM CLOSURE:

BACK Bottom If "window pane", what is the close-out material?

JUMP-SEAT SEAM CLOSURE:

BACK Bottom If "window pane", what is the close-out material?

HEADREST SEAM CLOSURE:

If "window pane", what is the close-out material?

LEGREST/FOOTREST SEAM CLOSURE:

If "window pane", what is the close-out material?



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Step 8: Matrix for Production Articles

This section of the form deals with production information. Fill in vendors and part numbers, then select the appropriate box for each specimen with an X.

DRESS COVER

Vendor	Part #						Invoices or packing slips enclosed?
Pax Seats	Divan	Jump Seat	Lav Seat	Head Rest	Foot Rest	Flame Treatment	

DRESS COVER

Vendor	Part #						Invoices or packing slips enclosed?
Pax Seats	Divan	Jump Seat	Lav Seat	Head Rest	Foot Rest	Flame Treatment	

DRESS COVER

Vendor	Part #						Invoices or packing slips enclosed?
Pax Seats	Divan	Jump Seat	Lav Seat	Head Rest	Foot Rest	Flame Treatment	

FOAM

Vendor	Part #						Invoices or packing slips enclosed?
Pax Seats	Divan	Jump Seat	Lav Seat	Head Rest	Foot Rest	Flame Treatment	

FOAM

Vendor	Part #						Invoices or packing slips enclosed?
Pax Seats	Divan	Jump Seat	Lav Seat	Head Rest	Foot Rest	Flame Treatment	

FOAM

Vendor	Part #						Invoices or packing slips enclosed?
Pax Seats	Divan	Jump Seat	Lav Seat	Head Rest	Foot Rest	Flame Treatment	



16G Replacement Dress Cover Checklist

Flammability Testing & Certification

Step 8: Matrix for Production Articles - continued

This section of the form deals with production information. Fill in vendors and part numbers, then select the appropriate box for each specimen with an X.

SCRIM-BACKED FOAM

Vendor	Part #						Invoices or packing slips enclosed?
Pax Seats	Divan	Jump Seat	Lav Seat	Head Rest	Foot Rest	Flame Treatment	

BATTING

Vendor	Part #						Invoices or packing slips enclosed?
Pax Seats	Divan	Jump Seat	Lav Seat	Head Rest	Foot Rest	Flame Treatment	

MUSLIN

Vendor	Part #						Invoices or packing slips enclosed?
Pax Seats	Divan	Jump Seat	Lav Seat	Head Rest	Foot Rest	Flame Treatment	

FIRE BLOCKER

Vendor	Part #						Invoices or packing slips enclosed?
Pax Seats	Divan	Jump Seat	Lav Seat	Head Rest	Foot Rest	Flame Treatment	

ADHESIVE

Vendor	Part #						Invoices or packing slips enclosed?
Pax Seats	Divan	Jump Seat	Lav Seat	Head Rest	Foot Rest	Flame Treatment	

FASTENER

Vendor	Part #						Invoices or packing slips enclosed?
Pax Seats	Divan	Jump Seat	Lav Seat	Head Rest	Foot Rest	Flame Treatment	

FASTENER

Vendor	Part #						Invoices or packing slips enclosed?
Pax Seats	Divan	Jump Seat	Lav Seat	Head Rest	Foot Rest	Flame Treatment	



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Step 8: Matrix for Production Articles - continued

This section of the form deals with production information. Fill in vendors and part numbers, then select the appropriate box for each specimen with an X.

FASTENER

Vendor		Part #					Invoices or packing slips enclosed?	
Pax Seats	Divan	Jump Seat	Lav Seat	Head Rest	Foot Rest	Flame Treatment		

CLOSE-OUT FABRIC

Vendor		Part #					Invoices or packing slips enclosed?	
Pax Seats	Divan	Jump Seat	Lav Seat	Head Rest	Foot Rest	Flame Treatment		

ADHESIVE FASTENER

Vendor		Part #					Invoices or packing slips enclosed?	
Pax Seats	Divan	Jump Seat	Lav Seat	Head Rest	Foot Rest	Flame Treatment		

OTHER

Vendor		Part #					Invoices or packing slips enclosed?	
Pax Seats	Divan	Jump Seat	Lav Seat	Head Rest	Foot Rest	Flame Treatment		

Item Material

OTHER

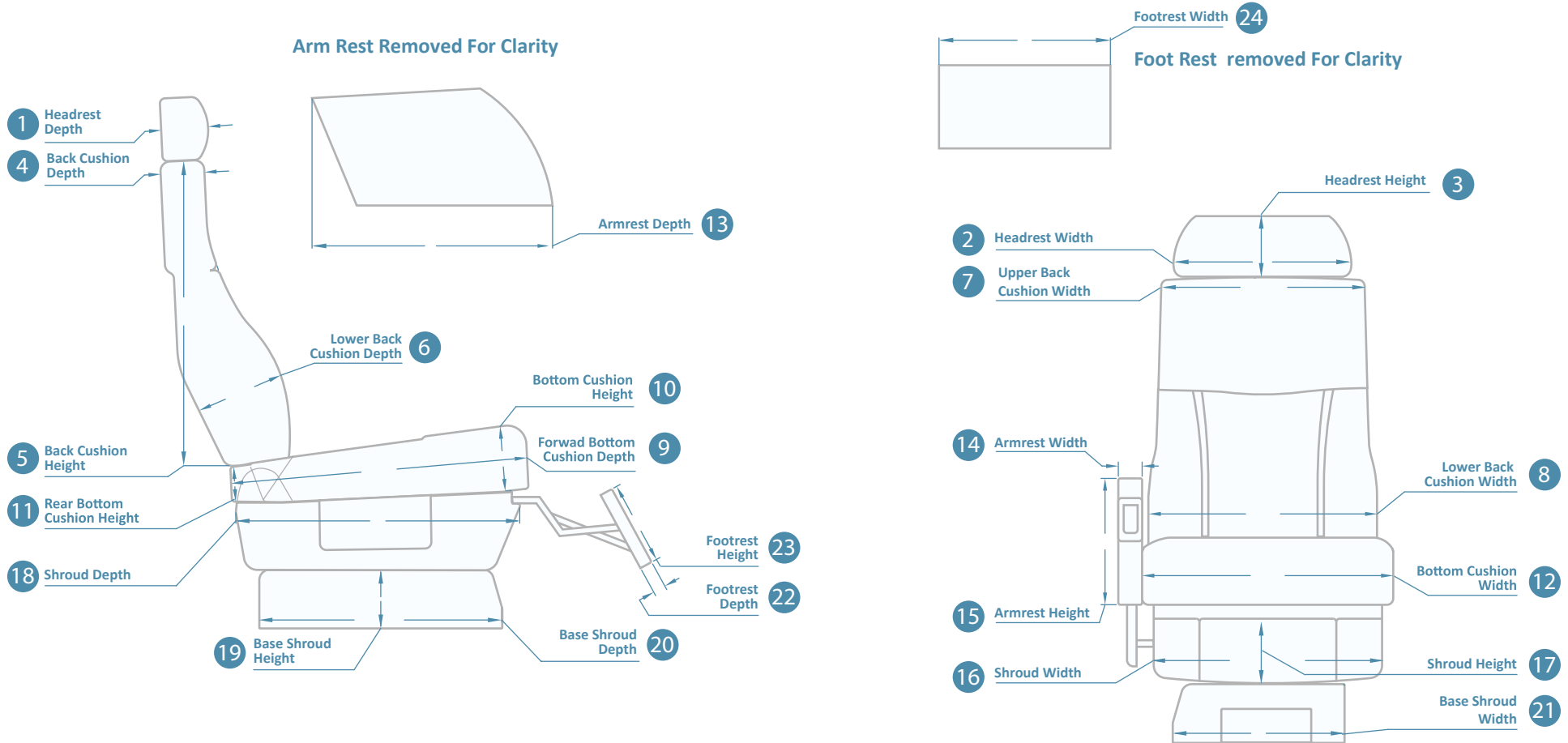
Vendor		Part #					Invoices or packing slips enclosed?	
Pax Seats	Divan	Jump Seat	Lav Seat	Head Rest	Foot Rest	Flame Treatment		

Item Material

COMMENTS

Step 9: Single Seats Dimensions

Enter in all seat dimensions according to the reference image provided.





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Step 9: Single Seats Dimensions - continued

Enter in all seat dimensions according to the reference image provided on page 10.

1: HEADREST DEPTH

2: HEADREST WIDTH

3: HEADREST HEIGHT

4: BACK CUSHION DEPTH

5: BACK CUSHION HEIGHT

6: LOWER BACK CUSHION HEIGHT

7: UPPER BACK CUSHION WIDTH

8: LOWER BACK CUSHION WIDTH

9: FORWARD CUSHION DEPTH

10: BOTTOM CUSHION HEIGHT

11: REAR CUSHION HEIGHT

12: BOTTOM CUSHION WIDTH

13: ARMREST DEPTH

14: ARMREST WIDTH

15: ARMREST HEIGHT

16: SHROUD WIDTH

17: SHROUD HEIGHT

18: SHROUD DEPTH

19: BASE SHROUD HEIGHT

20: BASE SHROUD DEPTH

21: BASE SHROUD WIDTH

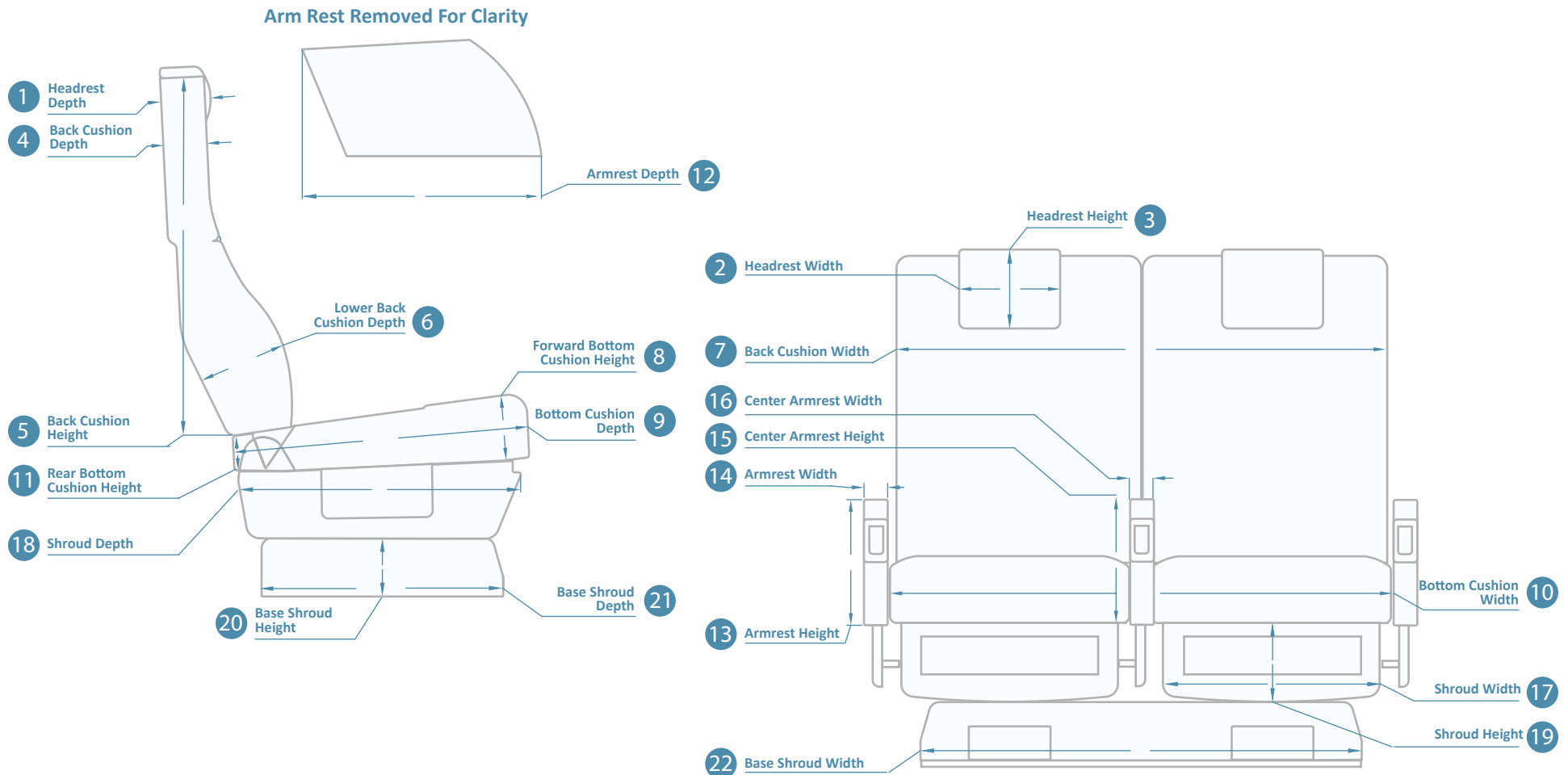
22: FOOTREST DEPTH

23: FOOTREST HEIGHT

24: FOOTREST WIDTH

Step 10: Double Seats Dimensions

Enter in all seat dimensions on page 13 according to the reference image provided below.





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Step 10: Double Seats Dimensions - continued

Enter in all seat dimensions according to the reference image provided on page 12.

1: HEADREST DEPTH

2: HEADREST WIDTH

3: HEADREST HEIGHT

4: BACK CUSHION DEPTH

5: BACK CUSHION HEIGHT

6: LOWER BACK CUSHION DEPTH

7: BACK CUSHION WIDTH

8: FORW. BOTTOM CUSHION HEIGHT

9: BOTTOM CUSHION DEPTH

10: BOTTOM CUSHION WIDTH

11: REAR BOTTOM CUSHION HEIGHT

12: ARMREST DEPTH

13: ARMREST HEIGHT

14: ARMREST WIDTH

15: CENTER ARMREST HEIGHT

16: CENTER ARMREST WIDTH

17: SHROUD WIDTH

18: SHROUD DEPTH

19: SHROUD HEIGHT

20: BASE SHROUD HEIGHT

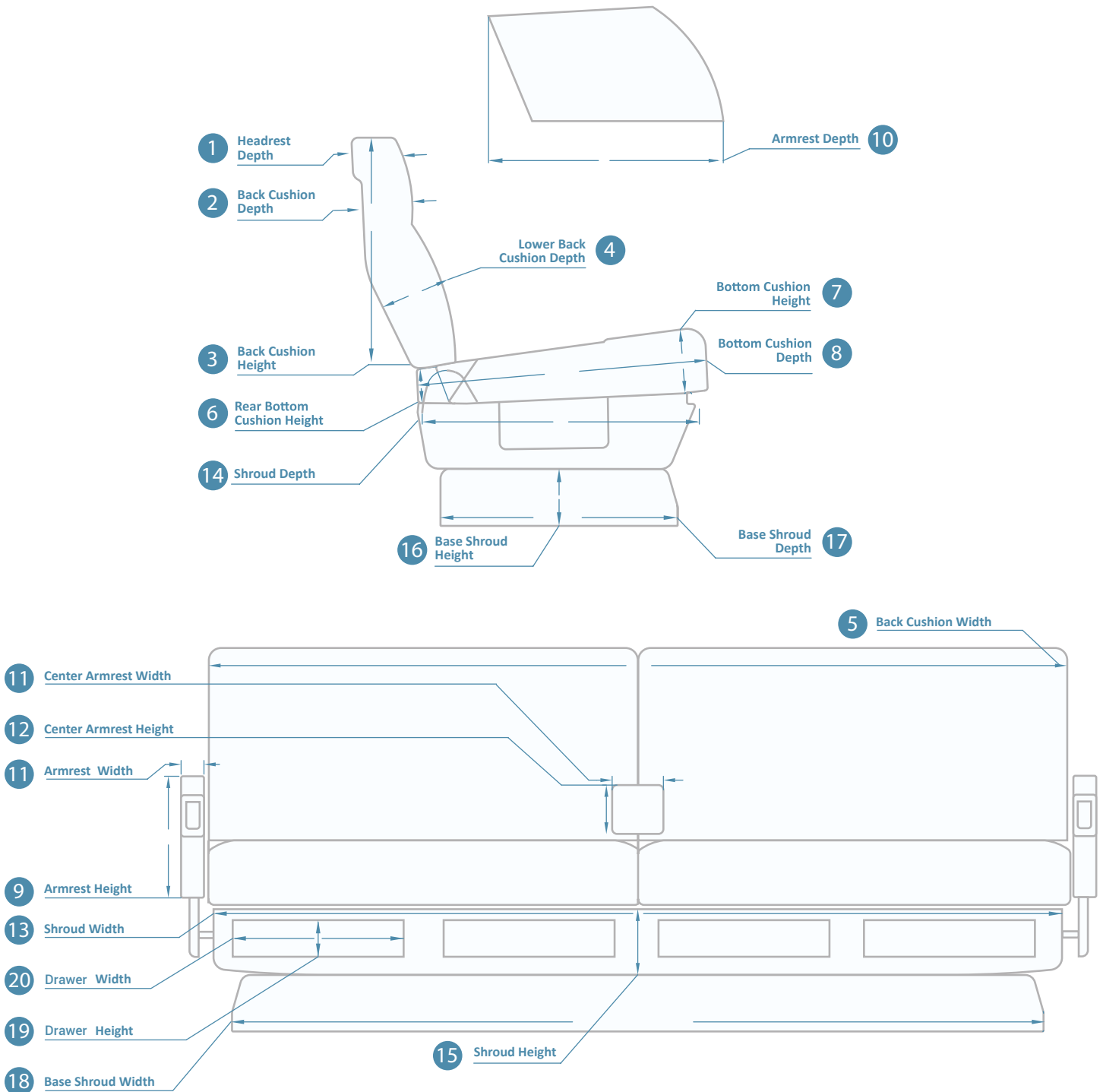
21: BASE SHROUD DEPTH

22: BASE SHROUD WIDTH

Step 11: Divan Seats Dimensions

Enter in all seat dimensions on page 15 according to the reference image provided below.

Arm Rest Removed For Clarity





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Step 11: Divan Seats Dimensions - continued

Enter in all seat dimensions according to the reference image provided on page 12.

1: HEADREST DEPTH

2: BACK CUSHION DEPTH

3: BACK CUSHION HEIGHT

4: LOWER BACK CUSHION DEPTH

5: BACK CUSHION WIDTH

6: REAR BOTTOM CUSHION HEIGHT

7: BOTTOM CUSHION HEIGHT

8: BOTTOM CUSHION DEPTH

9: ARMREST HEIGHT

10: ARMREST DEPTH

11: ARMREST WIDTH

12: CENTER ARMREST HEIGHT

13: SHROUD WIDTH

14: SHROUD DEPTH

15: SHROUD HEIGHT

16: BASE SHROUD HEIGHT

17: BASE SHROUD DEPTH

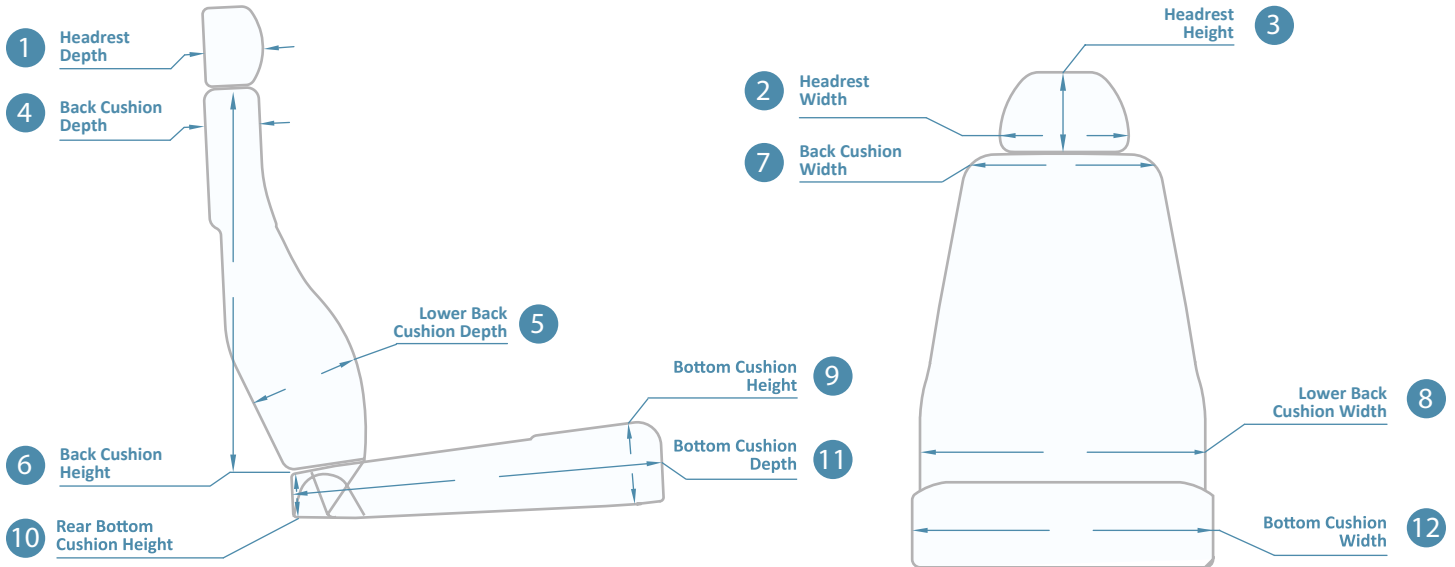
18: BASE SHROUD WIDTH

19: DRAWER HEIGHT

20: DRAWER WIDTH

Step 12: Universal Seats Dimensions

Enter in all seat dimensions on page 17 according to the reference image provided below.



1: HEADREST DEPTH

2: HEADREST WIDTH

3: HEADREST HEIGHT

4: BACK CUSHION DEPTH

5: LOWER BACK CUSHION DEPTH

6: BACK CUSHION HEIGHT

7: BACK CUSHION WIDTH

8: LOWER BACK CUSHION DEPTH

9: BOTTOM CUSHION HEIGHT

10: REAR BOTTOM CUSHION HEIGHT

11: BOTTOM CUSHION DEPTH

12: BOTTOM CUSHION WIDTH

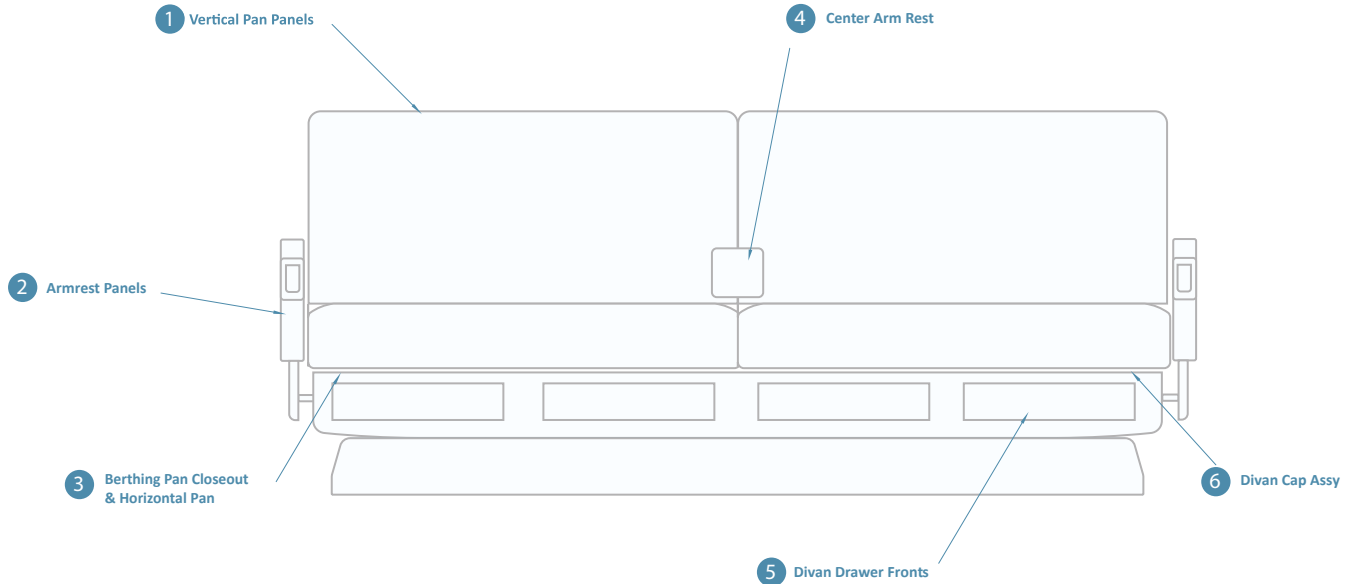
OTHER

OTHER

OTHER

Step 13: Divan Substrate and/or Foam Build-Ups

Please list all materials used in production including substrates and adhesives. The information provided will be used for composite panel testing. Please include part number and thickness of materials.



1: VERTICAL PANELS

2: ARM REST

3: BERTHING PAN CLOSEOUT & HORIZONTAL PAN

4: CENTER ARM REST

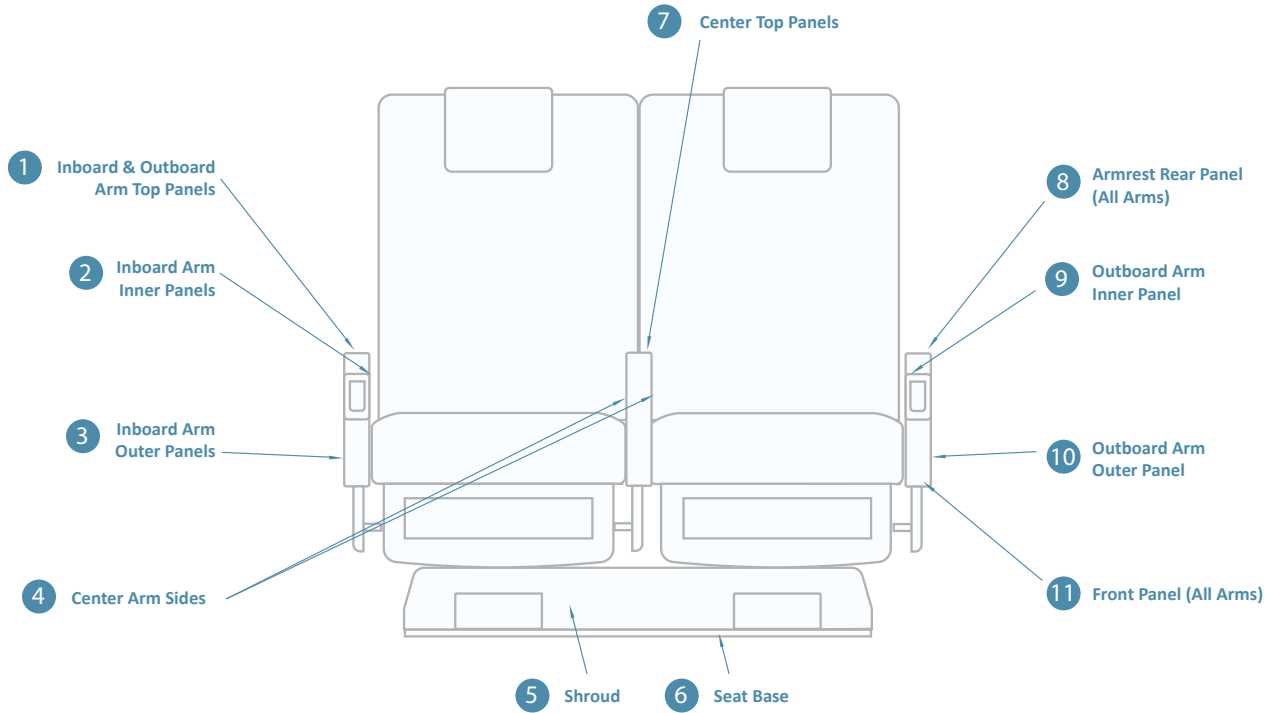
5: DIVAN DRAWER FRONTS

6: DIVAN CAP ASSEMBLY

DRESS COVERING

Step 14: Double Seat Composite Panel Production Buildup

Please list all materials used in production including substrates and adhesives. The information provided will be used for composite panel testing. Please include part number and thickness of materials.



1: INBOARD & OUTBOARD ARM TOP PANELS

2: INBOARD ARM INNER PANELS

3: INBOARD ARM OUTER PANELS

4: CENTER ARM SIDES

5: SHROUD

6: SEAT BASE



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Step 14: Double Seat Composite Panel Production Buildup - continued

Please list all materials used in production including substrates and adhesives. The information provided will be used for composite panel testing. Please include part number and thickness of materials.

7: CENTER TOPS PANELS

8: ARMREST REAR PANEL (ALL ARMS)

9: OUTBOARD ARM INNER PANEL

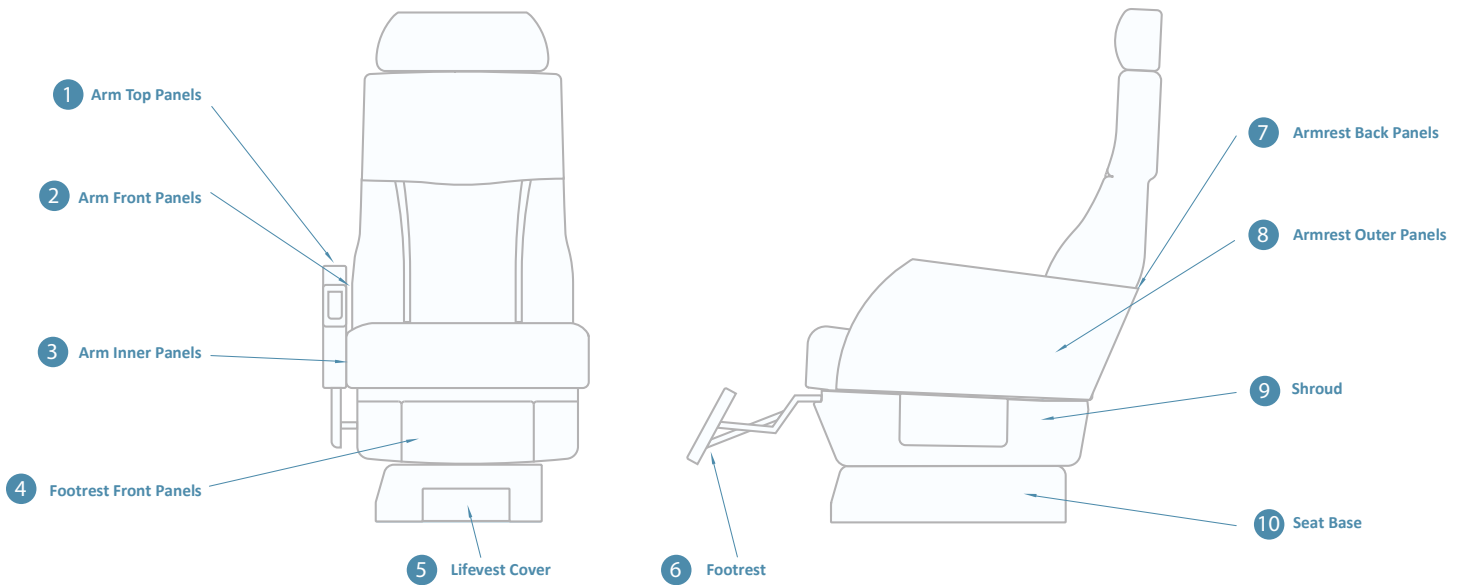
10: OUTBOARD ARM OUTER PANEL

11: FRONT PANEL (ALL ARMS)

DRESS COVERING

Step 15: Single Seat Composite Panel Production Buildup

Please list all materials used in production including substrates and adhesives. The information provided will be used for composite panel testing. Please include part number and thickness of materials.



1: ARM TOP PANELS

2: ARM FRONT PANELS

3: ARM INNER PANELS

4: FOOTREST FRONT PANEL

5: LIFEVEST COVER

6: FOOTREST



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Step 15: Single Seat Composite Panel Production Buildup - continued

Please list all materials used in production including substrates and adhesives. The information provided will be used for composite panel testing. Please include part number and thickness of materials.

7: ARMREST BACK PANELS

8: ARMREST OUTER PANELS

9: SHROUD

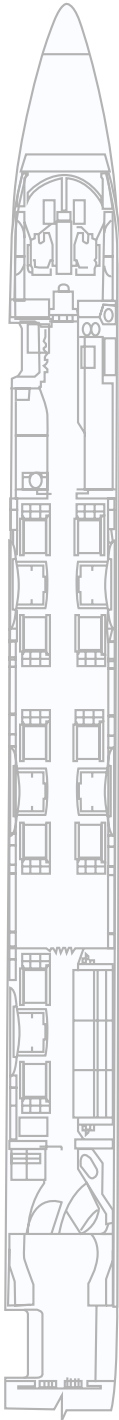
10: SEAT BASE

DRESS COVERING

Step 16: Seat Location

We need to know the placement of each seat in the aircraft along with the serial number and part number of each seat on the aircraft. Please include part number and thickness of materials.

Example

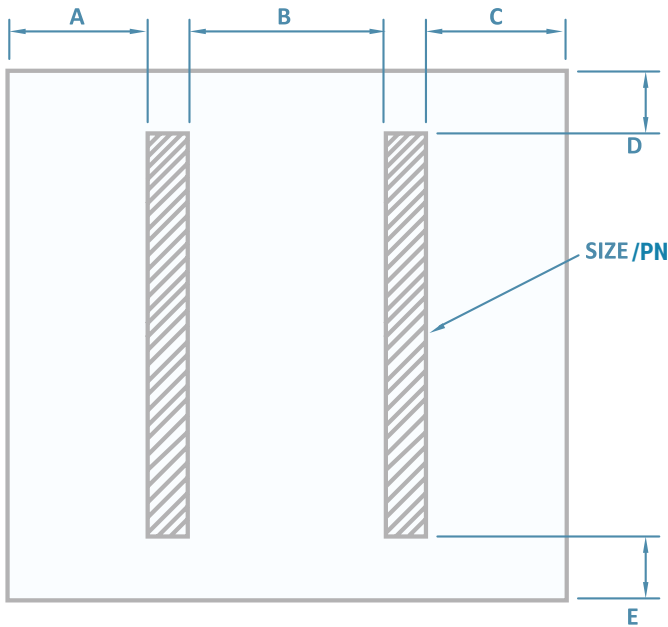


Please fill in accordingly



Step 17: Hook and Loop Placement

Referring back to Page 3, it is very important to simulate the placement of any hook and loop attachment strips that may attach either back or bottom assemblies to the seat frame. Please document dimensional placement. Note which direction is the front of the cushion and if 1" or 2" fasteners are being used along with length of fastener attachment strips. Please fill this out for each type of seat being tested.



Back Cushion

BACK CUSHION

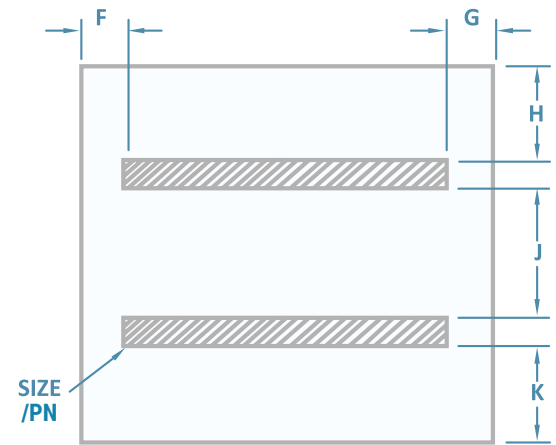
A	B	C
D	E	Direction (optional)

Fastener Length Fastener Part #

BOTTOM CUSHION

F	G	H
F	F	Direction (optional)

Fastener Length Fastener Part #



Bottom Cushion

IS HOOK OR LOOP BEING USED FOR ATTACH STRIPS ON CUSHION?

Yes No

IS THE HOOK AND LOOP NEW OR EXISTING?

New Existing

IS THE ATTACH STRIP FASTENER ON THE SEAT FRAME NEW OR EXISTING?

New Existing