Preparation for Winding

Mesh Install Side A | Mesh Install Side B | Comb base/x comb/ x board Installation | Comb base/x comb/ x board installation

Select APA ID: 4K APA

Scotchweld 2216 gray batch number, Part A: 6 | Part B:

Side A
Comb Base Mount

	Cross Beam 1	Cross Beam 2	Cross Beam 3	Cross Beam 4
Epoxy start mix date/time	9/8/17 08:50	8/8/17 16:30	8/8/17 08:30	10/8/17 08:25
Comb base placement completed date/time.	9/8/17 9:00	8/8/17 17:00	8/8/17 08:40	10/8/17 08:45
Comb base jig removed date / time	10/8/17 8:30	9/8/17 8:15	8/8/17 16:20	10/8/17 17:00
Recorded by	DRS	DRS	DRS	DRS

5 x wire head boards installed, Side A, by: 24/8/17 DRS

Views | Clipboard | Sort & Filter | Records | Find | Window | Text Formatting

Preparation for Winding

Mesh Install Side A | Mesh Install Side B | Comb base/x comb/ x board Installation | Comb base/x comb/ x board installation

Select APA ID

Scotchweld 2215 gray batch number, Part A

Part B

Side B
Comb Base Mount

	Cross Beam 1	Cross Beam 2	Cross Beam 3	Cross Beam 4
Epoxy start mix date/time	11/8/17 17:00	11/8/17 08:40	7/8/17 16:30	10/8/17 16:45
Comb base placement completed date/time	11/8/17 17:20	11/8/17 08:55	7/8/17 16:40	10/8/17 17:10
Comb base jig removed date / time	12/8/17 09:20	11/8/17 16:50	8/8/17 08:15	11/8/17 08:20
Recorded by	DRS	DRS	DRS	DRS

5 x wire head boards installed, Side B by 24/8/17 DRS

5 x Foot boards 24/8/17

~~DRS~~ MH

Navigation Pane

Preparation for Winding

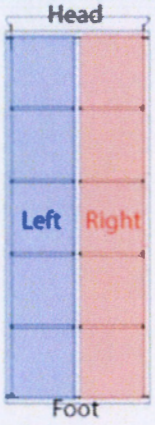
Mesh Install Side A | Mesh Install Side B | Comb base/x comb/ x board Installation | Comb base/x comb/ x board installation

Select APA ID: UK APA

Gantois 106712 mesh manufacture date: 19/4/17

Conductive Epoxy batch number Part A: PB170559

Part B: PB170531



Side A

		Left Side	Right Side
9.3.8	Scotchweld 2216 Gray batch numbers Part A / Part B	6300CW/6326CN	6300CW/6326 CN
9.3.30	Epoxy application start date/time	31/7/17 14:00	4/8/17 13:45
9.3.32	Epoxy application finish date/time	31/7/17 15:10	4/8/17 15:00
9.3.34	Clamp removal date/time	1/8/17 09:00	7/8/17 09:00
	Recorded by	DRS	DRS
	Scotchweld 2216 Translucent batch numbers Part A / Part B		
	Translucent epoxy application start date/time		
	Translucent epoxy application finish date / time		
	Conductive Epoxy mix start time	7/8/17 [illegible] 10:00	
	Conductive Epoxy Application Time	7/8/17 [illegible] 10:10	

Navigation Pane

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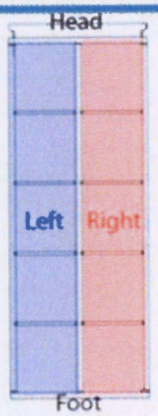
Preparation for Winding

Mesh Install Side A | **Mesh Install Side B** | Comb base/x comb/ x board Installation | Comb base/x comb/ x board installation

Select APA ID: UKAPA

Side B



		Left Side	Right Side
9.3.8	Scotchweld 2216 gray batch number Part A / Part B	6300CW 6326CN	6300CW 6326CN
9.3.30	Epoxy application start date/time	3/8/17 14:00	31/8/17 14:30
9.3.32	Epoxy application finish date/time	3/8/17 15:00	31/8/17 15:30
9.3.34	Clamp removal date	4/8/17 9:00	2?/8/17 9:00
	Recorded by	DRS	DRS
	Scotchweld 2216 Translucent batch numbers Part A / Part B		
	Translucent Epoxy start date /time		
	Translucent Epoxy finish date / time		

Conductive epoxy mix start time: 7?/8/17 17:00

Conductive epoxy application time: 7?/8/17 17:15

Navigation Pane

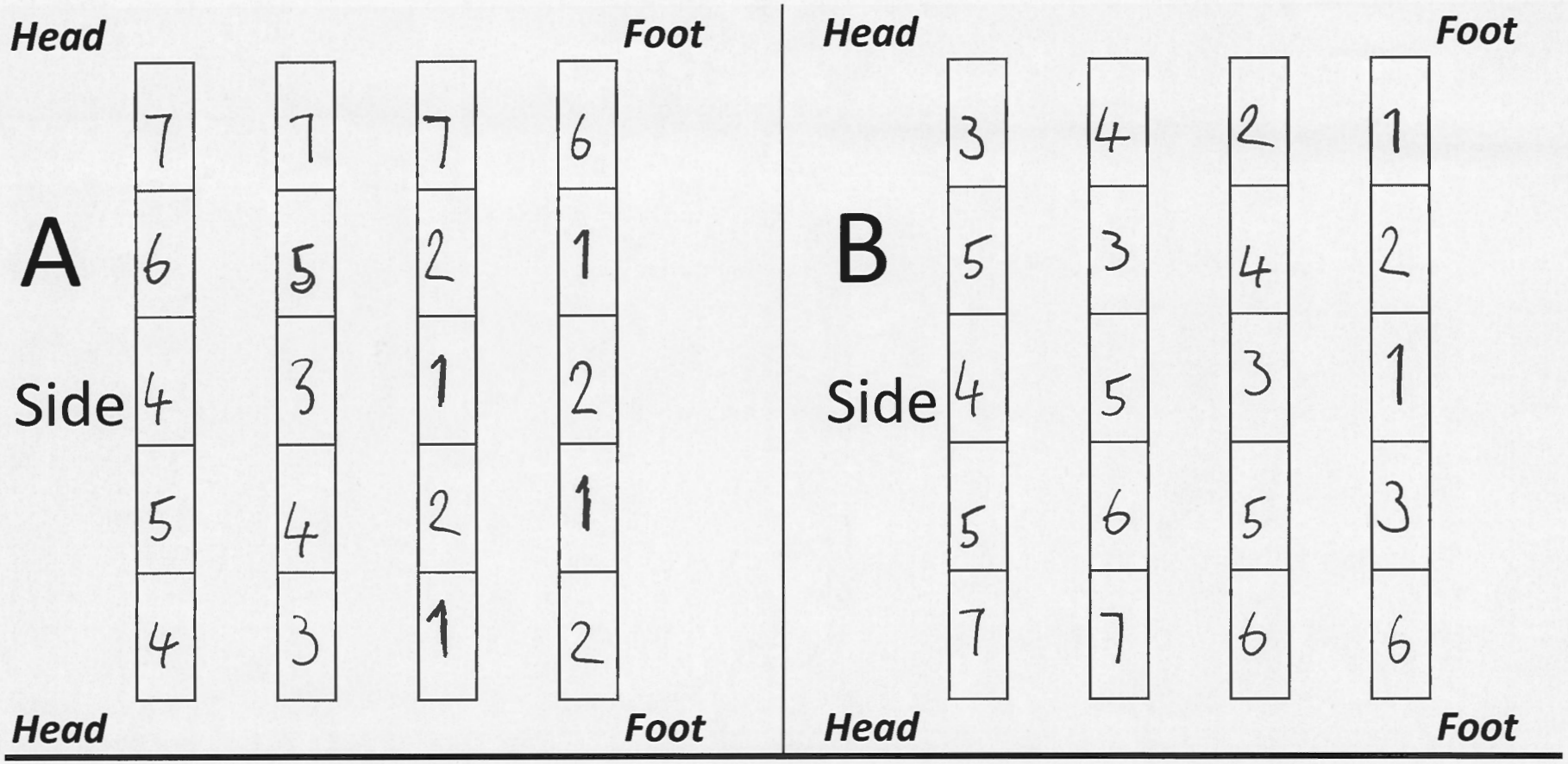
APA-001 V-layer

Date	Start Time	Board Type	APA position	Board Pos#	Board tare wt	Board wt w/ hold-down epoxy (before tape strip)	2nd tare (post tape strip)	weight w/ edge epoxy strip 1	Strip 1 wt	weight w/ edge epoxy strip 2 (if applicatble)	Strip 2 wt (if applicable)	Underlying board end solder pads / wire bond pre-coated?	Time board attached
20Sep17	9:25	706	V Foot	1 (End)	109.4	110.1	103.5	106.6	3.1	109.7	3.1	Y	09:55
"	10:00	707	V Foot	2 (Mid)	126.4	127.4	121.4	124.3	2.9	127.2	2.9	Y	10:20
"	10:29	707	V Foot	3 (Mid	124.7	125.7	119.8	122.8	3.0	125.9	3.1	Y	10:45
"	11:31	707	V Foot	4 (Mid)	125.2	126.4	120.3	123.3	3.0	126.4	3.1	Y	11:46
"	11:48	707	V Foot	5 (Mid)	126.9	128.1	121.6	124.5	2.9	127.5	3.0	Y	12:03
			Side B Head										
25Sep17	9:55	696	[redacted]	BV (left)	354.2	355.3	353.6	357.8	4.2	—	—	Y	10:49
"	10:26	696	Side B Head	BV	354.8	355.8	354.0	358.4	4.4	—	—	Y	11:21
"	11:24	696	Side B Head	BV	354.2	355.8	353.6	358.2	4.3	—	—	Y	11:45
"	11:48	696	Side B Head	BV	354.7	355.5	353.6	358.0	4.4	—	—	Y	12:10
"	12:05	696	Side B Head	BV	354.0	355.1	353.4	357.8	4.4	—	—	Y	12:22
"	13:22	696	Side B Head	BV	353.2	354.5	352.7	357.2	4.5	—	—	Y	[redacted] 13:45
"	13:42	696	Side B Head	BV	356.9	358.4	356.4	360.5	4.1	—	—	Y	13:56
"	14:00	696	Side B Head	BV	355.0	356.7	354.6	358.8	4.2	—	—	Y	14:03
"	14:12	696	Side B Head	BV	354.0	355.0	353.2	357.5	4.3	—	—	Y	14:34
"	14:25	696	Side B Head	BV	354.1	355.4	353.6	357.8	4.2	—	—	Y	14:50
26 Sep 17	9:27	697	Side A Head	AV (left)	351.6	352.6	351.0	355.3	4.3	—	—	Y	9:44
"	9:38	696	Side A Head	AV	354.6	355.6	353.7	357.9	4.2	—	—	Y	9:52
"	9:48	696	Side A Head	AV	354.5	355.5	353.4	357.8	4.4	—	—	Y	10:09
"	10:02	696	Side A Head	AV	356.2	357.6	355.5	359.8	4.3	—	—	Y	10:27
"	10:16	696	Side A Head	AV	353.7	354.4	352.9	357.3	4.4	—	—	Y	10:37
"	10:33	696	Side A Head	AV	353.9	354.8	353.1	357.4	4.3	—	—	Y	10:50
"	10:43	696	Side A Head	AV	353.3	356.2	354.5	358.7	4.2	—	—	Y	11:05
"	10:57	696	Side A Head	AV	353.8	354.7	353.0	357.2	4.2	—	—	Y	11:12
"	11:08	696	Side A Head	AV	354.4	355.5	353.8	358.0	4.2	—	—	Y	11:26
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	—	—	Y	— Bent Pin
"	11:39	696	Side A Head	AV	355.8	356.9	354.9	~~359.1~~ 356.8 +2.3 ← from previous board	4.2	—	—	Y	11:55
							[redacted]						

Sheet 2 of 2

APA-001 V-layer

Date	Start Time	Board Type	APA position	Board Pos#	Board tare wt	Board wt w/ hold-down epoxy (before tape strip)	2nd tare (post tape strip)	weight w/ edge epoxy strip 1	Strip 1 wt	weight w/ edge epoxy strip 2 (if applicatble)	Strip 2 wt (if applicable)	Underlying board end solder pads / wire bond pre-coated?	Time board attached
18 Oct 17	17:00	706	V Foot	1 End	109.6	110.4	103.8	106.9	3.1	110.0	3.1	✓	17:18
"	17:17	707	V Foot	2 Mid	126.6	127.7	121.6	124.7	3.1	127.8	3.1	✓	17:35
"	17:33	707	V Foot	3 Mid	125.6	127.0	121.5	124.6	3.1	127.6	3.0	✓	17:45
"	17:45	707	V Foot	4 Mid	126.2	127.4	121.4	124.5	3.1	127.6	3.1	✓	18:00
"	17:56	707	V Foot	5 Mid	126.1	127.6	121.4	124.3	2.9	127.3	3.0	✓	18:05



Session	Date	By
1	14/9 PM	DS/SK
2	15/9 AM	DS/SK
3	15/9 PM	DS/SK
4	16/9 AM	DS

Session	Date	By
5	16/9 PM	DS
6	18/9 AM	DS
7	18/9 PM	DS
8		

Session	Date	By
9		
10		
11		
12		

V over X

Comb add gluing

APA # UK-001

Layer V over X

ews Clipboard Sort & Filter Records Find Window

Installation of the final (X) wire layer

First Half wires | Second Half wires | Epoxy the Layer Wires

Epoxying the X Layer Wires

Select APA ID: UK APA 001

Scotchweld 2216 gray batch number, Part A:

Epoxy start mix date / time: 20,25,26/9/17

Ten V-layer Head boards installed on Side B by: DS/SK/MH

Side A by: DS/SK/MH

1st five V-layer foot boards installed by: DS

Ten screws removed by:

2nd five V-layer foot boards installed by:

Ten screws removed by:

Side V-layer boards installed by: DS/SK/MH

X wire layer epoxying complete at date / time: 20,25,26/9/17

by: DS

Comments:

Installation of the final (X) wire layer

First Half X wires | Second Half X wires | Epoxy the X Layer Wires

Wind first half of X Wires

Select APA ID: WKAPA004

9.1.9 BeCU wire lot#: D00005-0672 | Spool Serial Number: 38

Spool Weight: 1.20 Lbs

Wire strength: | Wire Strength date/time:

9.1.10 Winding start date/time: 24/8/17 10:00

9.1.14 Winding Finish date/time: 29/8/17 12:30

9.1.26 Certify all wire tension within tolerance: DGG, SK | Wire tension in Test Data file.

MBO Sn62Pb36Ag2 | JBC

9.2.3 ~~Kester~~ Solder Lot: 39217688 | ~~Metcal~~ solder station s/n: 165367 444

9.2.5 Soldered wires to foot board pads, by: DRS

9.2.12 Soldered wires to side B head board pads, by: DRS

Soldered wires to side A head board pads, by: DRS

9.2.25 Ten head boards and five X foot boards installed, by: DRS

First half G wire install comments:

Installation of the final (X) wire layer

First Half X wires | Second Half X wires | Epoxy the X Layer Wires

Wind second half of X Wires

Select APA ID: WrAPA001

9.1.9 BeCU wire lot #: D00005-0672 | Spool serial number: 25

Spool Weight: 1.20Lbs

Wire Strength: 84 | Wire Strength date/time:

9.1.10 Winding start date /time: 5/9/17 11:30

9.1.14 Winding finish date / time: 6/9/17 11:50

9.1.26 Certify all wire tension within tolerance: DRS/SK | Wire Tension in Test Data file.

MBC Sn62P536Ag2 | JBC

9.2.3 ~~Kester~~ solder lot #: 3921/6688 | ~~Metcal~~ solder station s/n: 165367 440

9.2.5 Soldered wires to foot board pads, by: DRS

9.2.13 Soldered wires to side Bhead board pads, by: DRS

Soldered wires to side A head board pads, by: DRS

9.4.3 Verified continuity of all x wires by: DRS/MH

Second Half X Wire Comments: