

DRG NO. FLT-DWG-576-01

ISSUE TABLE					
ISSUE	DESCRIPTION	DATE	PREPARED BY	CHECKED BY	APPROVED BY
A	Original Issue	SEE DAS-576-01	SEE DAS-576-01	SEE DAS-576-01	SEE DAS-576-01

NOTES:

- THIS DRAWING IS APPLICABLE FOR AIRCRAFT AIRBUS A320, MSN'S: 3601, 3605, 3044.
CONF. 1: MSN: 3601 AND 3605
CONF. 2: MSN: 3044
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH FL TECHNICS CHANGE / REPAIR BULLETIN CRB-576-01 AND DRAWING APPROVAL SHEET DAS-576-01.
- REMOVE CURRENT PASSENGER SEATS IN ACCORDANCE WITH A320 AMM 25-21-41. INSTALL NEW PASSENGER SEATS I.A.W. PA-576-01, PA-576-02, PA-576-03. SEAT LOCATION STATION NUMBERS CORRESPOND WITH THE CENTERLINE OF THE SEAT FRONT FOOT STUD; SEE DETAIL C.
- ALL EMERGENCY EXITS ARE ACCESSIBLE IN ACCORDANCE WITH JAR 25.813 AS FOLLOWS:
4.A) THE PASSENGER WAY TO MAIN (TYPE I) EXITS IS UNOBSTRUCTED AND AT LEAST 51 CM (20 INCHES) WIDE.
4.B) THE PASSENGER WAY TO EMERGENCY (TYPE III) EXITS IS UNOBSTRUCTED AND AT LEAST 18 CM (7 INCHES) WIDE.
- HEADSTRIKE OF PASSENGERS IN FRONT ROW IS PREVENTED:
THE POINT AT WHICH THE SEAT BACK MEETS THE SEAT CUSHION EXCEEDS A MINIMUM OF 35" FROM THE BULKHEAD IN FRONT AS SHOWN IN "SECTION VIEW A-A". HIGH MOUNTED LITERATURE POCKETS AND OTHER FITMENTS ON THE BULKHEAD MUST BE ACCOUNTED IN THE DISTANCE AS WELL.
- THE CENTER AISLE EXCEEDS THE MINIMUM REQUIREMENTS OF 15 INCHES WIDE UP TO A HEIGHT OF 25 INCHES FROM THE FLOOR AND 20 INCHES WIDE ABOVE 25 INCHES FROM THE FLOOR. THIS INCLUDES ANY RUB STRIPS.
- ENSURE A SERVICEABLE AND (E)TSO-C13f APPROVED PASSENGER LIFE VEST IS INSTALLED IN EACH PAX SEAT LIFE VEST STOWAGE.
- ALL PASSENGER SEAT LAP BELTS MUST BE APPROVED TO (E)TSO C22g AND BE INSTALLED I.A.W. SEAT MANUFACTURER'S CMM 25-28-89 REQUIREMENTS.
- SEATS WHICH FORM THE ACCESS ROUTE FROM THE CABIN AISLE TO THE EXIT HAVE NO OUTBOARD ARMREST TO ENSURE AN UNOBSTRUCTED EXIT.
- FOR *CONF 1. NEW PARTITIONS INSTALLED PER CONCURRENT AMES LTD. ENGINEERING ORDER NO.: EO_M230001014_JTU_23032021.
- PRE-INSTALLATION CONFIGURATIONS:
MSN 3601: AIRBUS DRAWING NO.: 320-25.20044 (REV. C)
MSN 3605: AIRBUS DRAWING NO.: 320-25.22399 (REV. B)
MSN 3044: AEROCONSEIL NO.: 40037-01-A-SEAT-F01 (REV. R00)

PART LIST									
QTY	MAP REF.	ITEM No.	PART NUMBER	ISS.	KEYWORD/ DESCRIPTION	MANUFACTURER	CMM	NOTE	OR REMARKS
1		19	3530AY03-32-061		R/H TPL, HC, FULL B.O. NRW, NO TABLE	RECARO	25-28-89		
1		18	3530AY03-32-051		R/H TPL, HC, FULL B.O. NRW	RECARO	25-28-89		
1		17	3530AY03-32-081		R/H TPL, HC, FULL B.O.	RECARO	25-28-89		
1		16	3530AY03-32-141		R/H TPL, HC, FULL B.O.	RECARO	25-28-89		
1		15	3530AY03-32-041		R/H TPL, NO OTBD ARM	RECARO	25-28-89	9	
1		14	3530AY03-32-031		R/H TPL, NR, SPECIAL LATH, NO OTBD ARM	RECARO	25-28-89	9	
1		13	3530AY03-32-021		R/H TPL, NR, SPECIAL LATH, HC	RECARO	25-28-89		
22		12	3530AY03-32-011		R/H STD TPL, HC	RECARO	25-28-89		
1		11	3530AY03-32-211		R/H STD TPL, IAT	RECARO	25-28-89		
1		9	3530AY03-31-061		L/H TPL, NRW, NO TABLE, LIM REC	RECARO	25-28-89		
1		8	3530AY03-31-051		L/H TPL, NRW	RECARO	25-28-89		
1		7	3530AY03-31-081		L/H STD TPL	RECARO	25-28-89		
1		6	3530AY03-31-141		L/H STD TPL	RECARO	25-28-89		
1		5	3530AY03-31-041		L/H TPL, NO OTBD ARM	RECARO	25-28-89	9	
1		4	3530AY03-31-031		L/H TPL, NR, SPECIAL LATH, NO OTBD ARM	RECARO	25-28-89	9	
1		3	3530AY03-31-021		L/H TPL, NR, SPECIAL LATH	RECARO	25-28-89		
22		2	3530AY03-31-011		L/H STD TPL	RECARO	25-28-89		
1		1	3530AY03-31-211		L/H STD TPL, IAT	RECARO	25-28-89		
			-01	A	180 Y/C LAYOUT OF PASSENGER SEATING ARRANGEMENT A320				

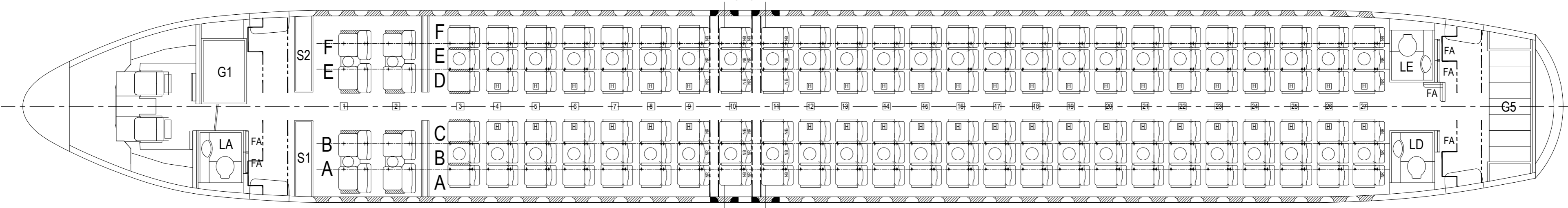
QTY	MAP REF.	ITEM No.	PART NUMBER	ISS.	KEYWORD/ DESCRIPTION	MANUFACTURER	CMM	NOTE	OR REMARKS

AID	HAND	DRAWN BY:	INTERIOR:	EASA APPROVAL EASA 21J.496
A	ISSUE	SEE DAS-576-01	SEE DAS-576-01	©2011 ALL RIGHTS RESERVED.
		DATE:	AVIONICS:	FORM REF.: FLT/21J48 (ISS B)
		SEE DAS-576-01	SEE DAS-576-01	
			STRUCTURES:	
			SEE DAS-576-01	

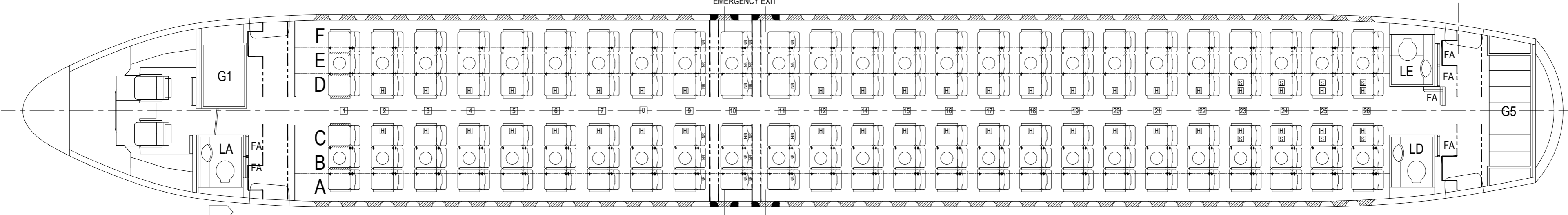
SCALE:	SIZE:	LIMITS:	ALL DIMENSIONS ARE IN (MM)
NTS	A2	N/A	THIRD ANGLE PROJECTION
SHEET 1 OF 6			ISSUE
DRG NO. FLT-DWG-576-01			A

ISSUE TABLE					
ISSUE	DESCRIPTION	DATE	PREPARED BY	CHECKED BY	APPROVED BY
A	Original Issue	SEE DAS-576-01	SEE DAS-576-01	SEE DAS-576-01	SEE DAS-576-01

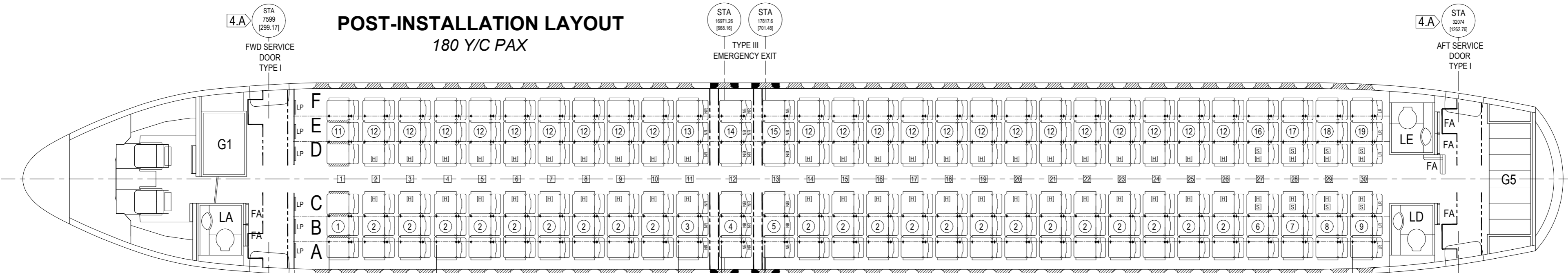
***CONF 1. PRE-INSTALLATION LAYOUT** 11
8 B/C 150 Y/C PAX



***CONF 2. PRE-INSTALLATION LAYOUT** 11
150 Y/C PAX



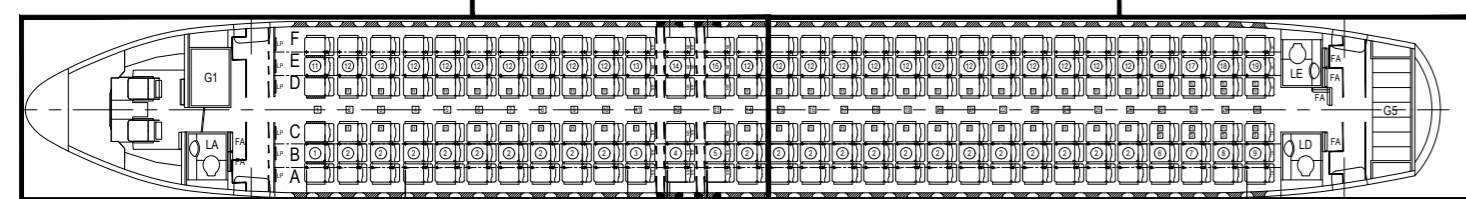
POST-INSTALLATION LAYOUT
180 Y/C PAX



STA 7599 [299.17] FWD SERVICE DOOR TYPE I
 STA 33074 [1262.76] AFT SERVICE DOOR TYPE I
 STA 348 [863.9] FWD PASSENGER DOOR TYPE I
 STA 1177 [2886] AFT PASSENGER DOOR TYPE I
 STA 320 [812.8] CONF. 1
 STA 320.05 [8128.3] OR CONF. 2
 STA 631 [16027] 29" x 3 = 87" [2210 mm] LH & RH
 STA 435 [11049] 28" x 10 = 196" [4978 mm] LH & RH
 STA 666 [16816] 35" [889 mm] LH & RH
 STA 701 [17805] 35" [889 mm] LH & RH
 STA 1177 [2886] 28" x 17 = 476" [12090 mm] LH & RH
 STA 1207 [3068]

A 1-1
SEE SHEET 3

A 2-1
SEE SHEET 4



SHEET LAYOUT SCHEME

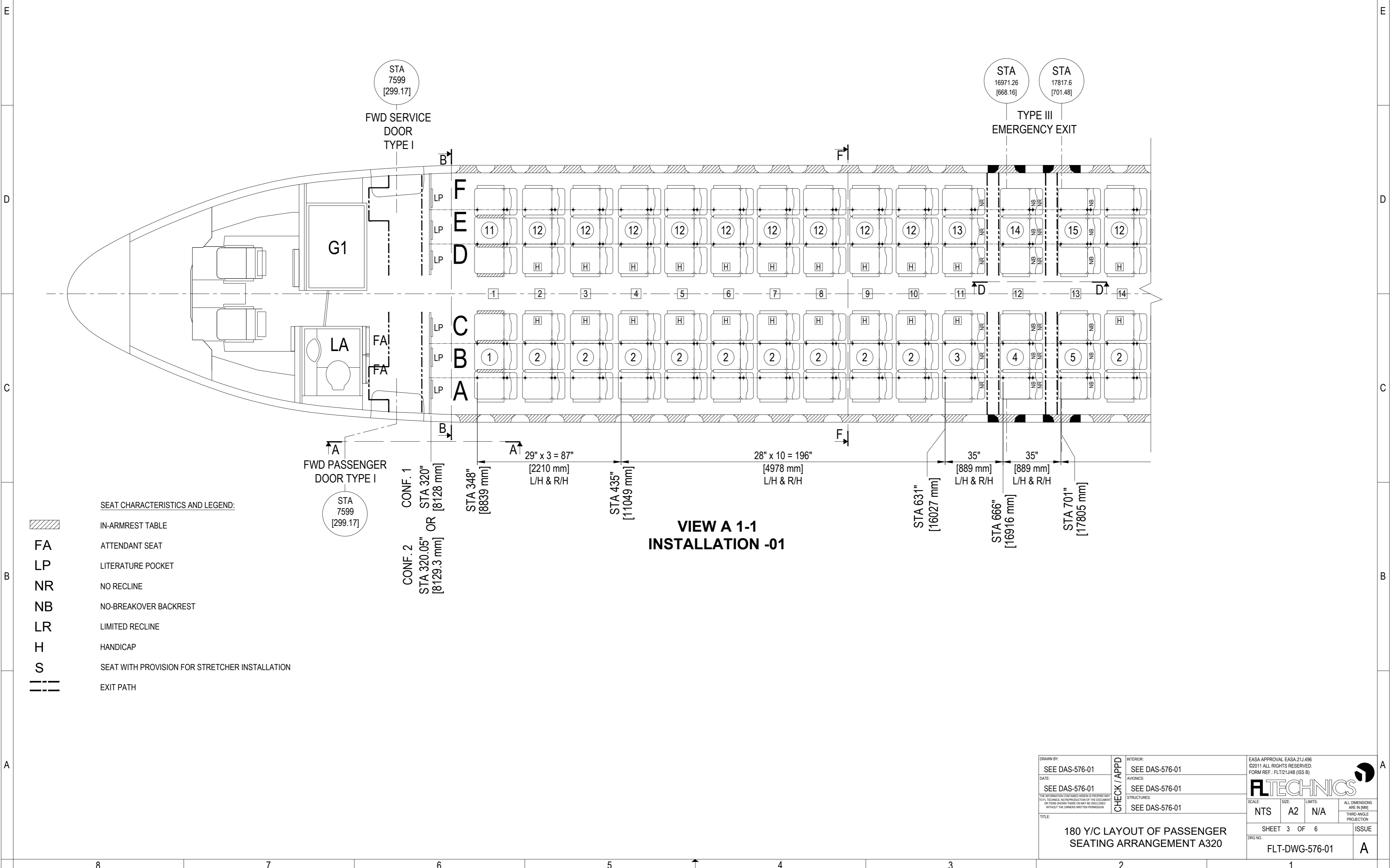
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DATE: SEE DAS-576-01	AVIONICS: SEE DAS-576-01
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CHECK / APPD	

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ALTECHNICS		ALL DIMENSIONS ARE IN DIMS	
SCALE: NTS	SIZE: A2	LIMITS: N/A	THIRD ANGLE PROJECTION
SHEET 2 OF 6		ISSUE	
DRG NO. FLT-DWG-576-01		A	

180 Y/C LAYOUT OF PASSENGER SEATING ARRANGEMENT A320

ISSUE

ISSUE TABLE					
ISSUE	DESCRIPTION	DATE	PREPARED BY	CHECKED BY	APPROVED BY
A	Original Issue	SEE DAS-576-01	SEE DAS-576-01	SEE DAS-576-01	SEE DAS-576-01



STA 7599
[299.17]

STA 16971.26
[668.16]

STA 17817.6
[701.48]

STA 7599
[299.17]

CONF. 1
STA 320.05" OR
[8129.3 mm]

STA 348"
[8839 mm]

29" x 3 = 87"
[2210 mm]
L/H & R/H

STA 435"
[11049 mm]

28" x 10 = 196"
[4978 mm]
L/H & R/H

STA 631"
[16027 mm]

35"
[889 mm]
L/H & R/H

STA 666"
[16916 mm]

35"
[889 mm]
L/H & R/H

STA 701"
[17805 mm]

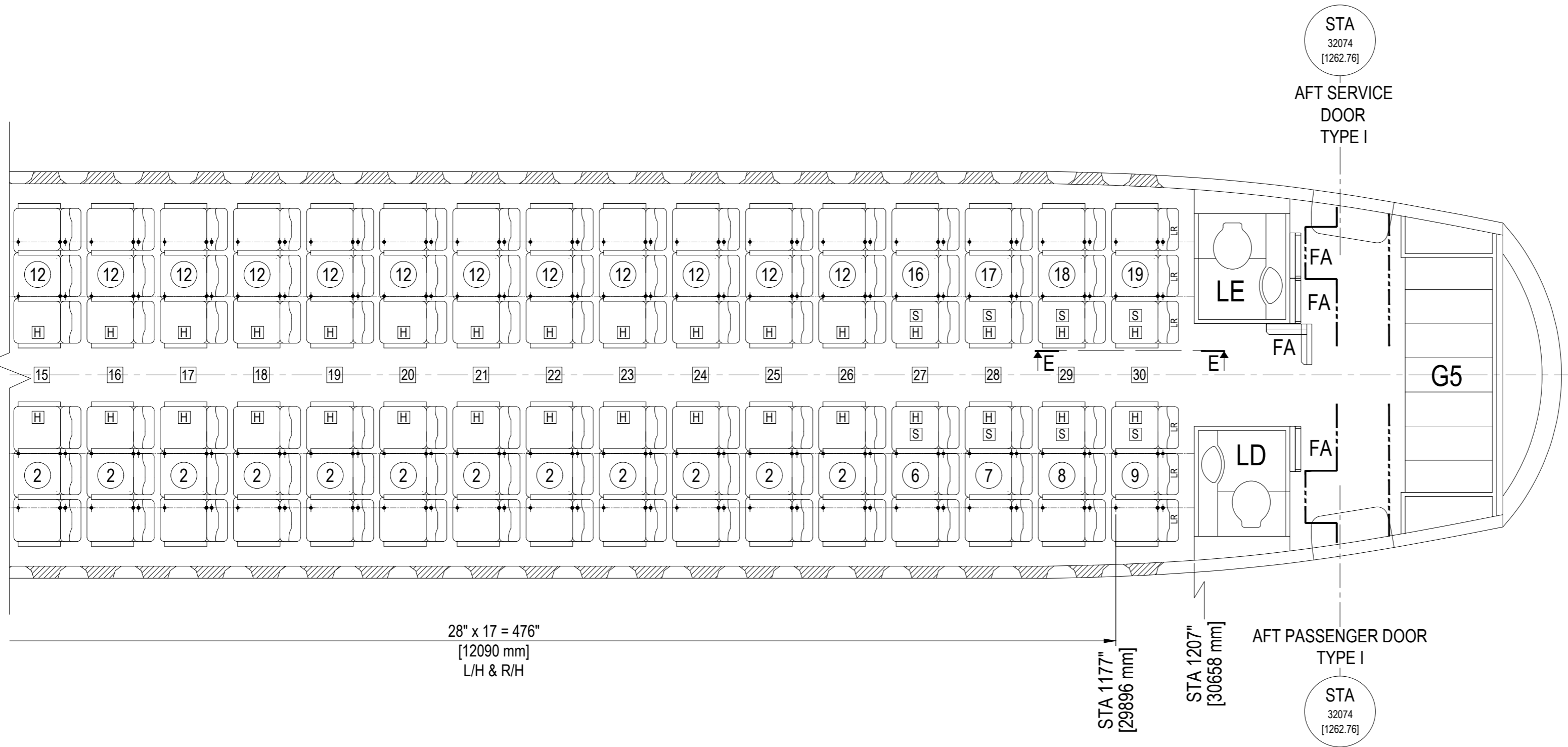
**VIEW A 1-1
INSTALLATION -01**

- SEAT CHARACTERISTICS AND LEGEND:**
- IN-ARMREST TABLE
 - FA** ATTENDANT SEAT
 - LP** LITERATURE POCKET
 - NR** NO RECLINE
 - NB** NO-BREAKOVER BACKREST
 - LR** LIMITED RECLINE
 - H** HANDICAP
 - S** SEAT WITH PROVISION FOR STRETCHER INSTALLATION
 - EXIT PATH

DRAWN BY: SEE DAS-576-01 DATE: SEE DAS-576-01 <small>THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO ALTECHNICS. NO REPRODUCTION OF THIS DOCUMENT OR PARTS THEREOF IS PERMITTED WITHOUT THE WRITTEN PERMISSION OF ALTECHNICS.</small>	INTERIOR: SEE DAS-576-01 AVIONICS: SEE DAS-576-01 STRUCTURES: SEE DAS-576-01	EASA APPROVAL EASA 21J.496 ©2011 ALL RIGHTS RESERVED. FORM REF.: FLT21J48 (ISS B) SCALE: NTS SIZE: A2 LIMITS: N/A ALL DIMENSIONS ARE IN INCHES THIRD ANGLE PROJECTION SHEET 3 OF 6 DRG NO. FLT-DWG-576-01 ISSUE A
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DRG NO.
FLT-DWG-576-01

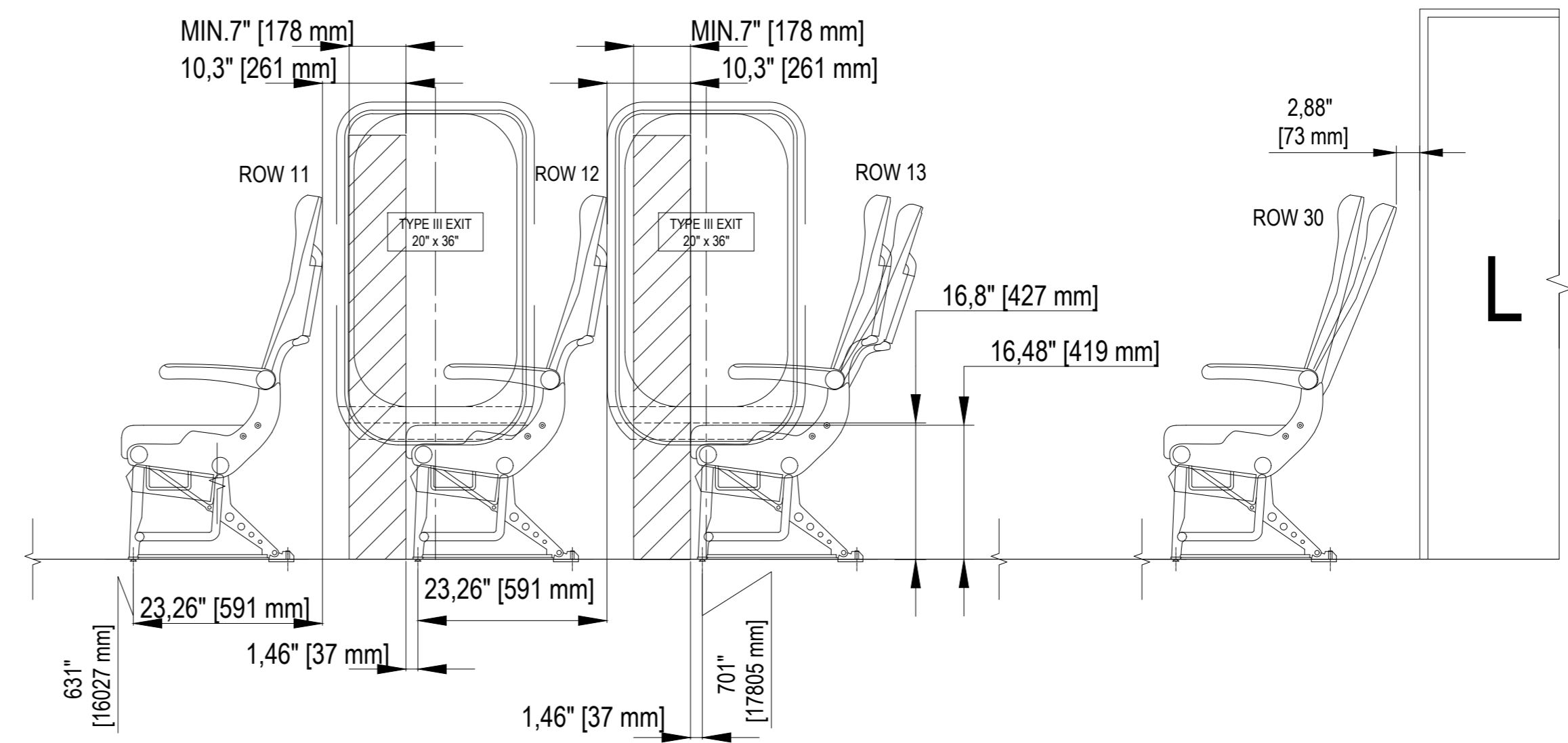
ISSUE TABLE					
ISSUE	DESCRIPTION	DATE	PREPARED BY	CHECKED BY	APPROVED BY
A	Original Issue	SEE DAS-576-01	SEE DAS-576-01	SEE DAS-576-01	SEE DAS-576-01



**VIEW A 2-1
INSTALLATION -01**

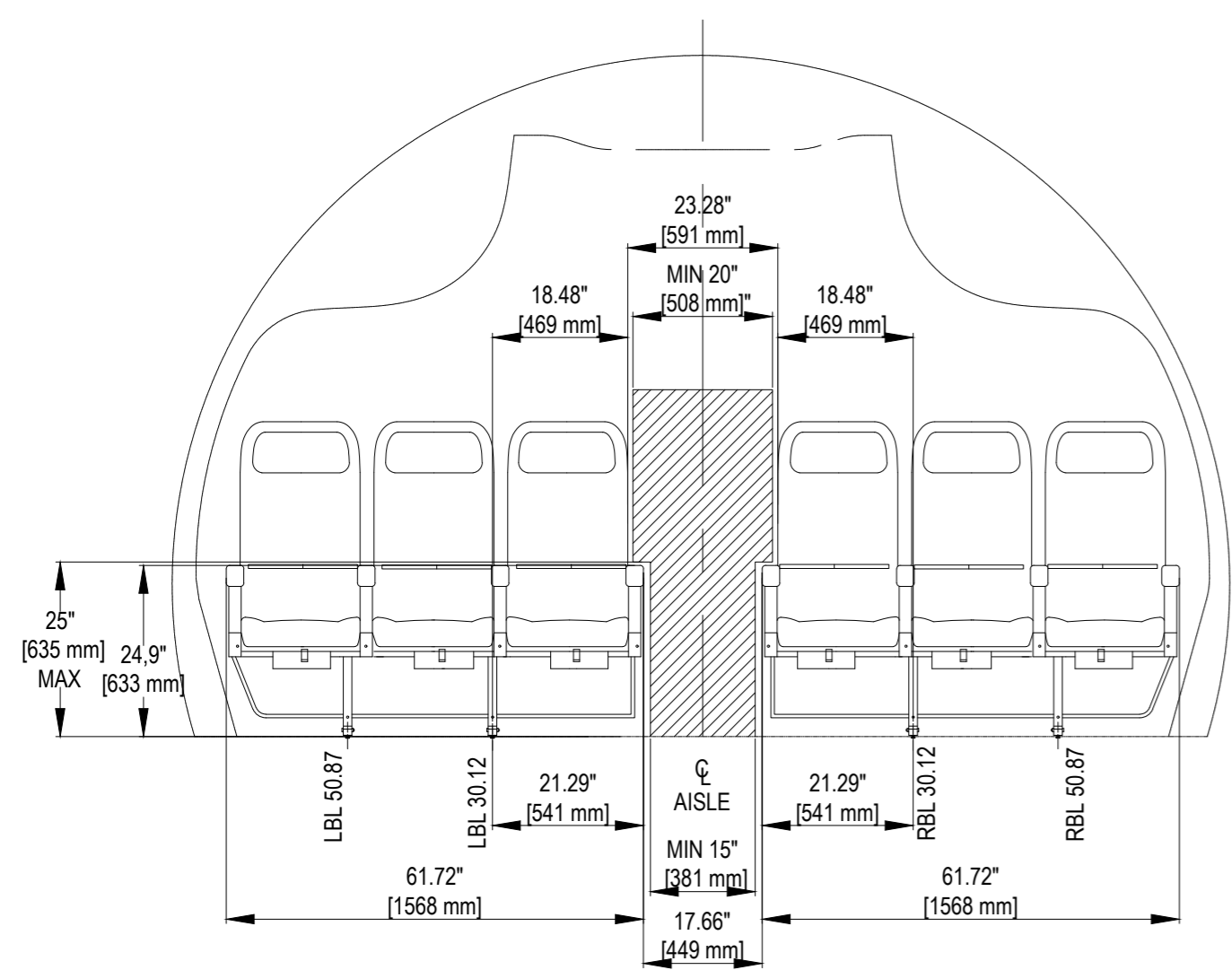
DRAWN BY: SEE DAS-576-01 DATE: SEE DAS-576-01 <small>THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO ALTECHNICS. NO REPRODUCTION OF THIS DOCUMENT OR PART THEREOF IS PERMITTED WITHOUT THE WRITTEN PERMISSION OF ALTECHNICS.</small>	CHECK / APPD INTERIOR: SEE DAS-576-01 AVIONICS: SEE DAS-576-01 STRUCTURES: SEE DAS-576-01	EASA APPROVAL EASA 21J.496 ©2011 ALL RIGHTS RESERVED. FORM REF.: FLT21J48 (ISS B) ALTECHNICS SCALE: NTS SIZE: A2 LIMITS: N/A ALL DIMENSIONS ARE IN (MM) THIRD ANGLE PROJECTION SHEET 4 OF 6 DRG NO. FLT-DWG-576-01 ISSUE A
TITLE: 180 Y/C LAYOUT OF PASSENGER SEATING ARRANGEMENT A320		

ISSUE TABLE					
ISSUE	DESCRIPTION	DATE	PREPARED BY	CHECKED BY	APPROVED BY
A	Original Issue	SEE DAS-576-01	SEE DAS-576-01	SEE DAS-576-01	SEE DAS-576-01

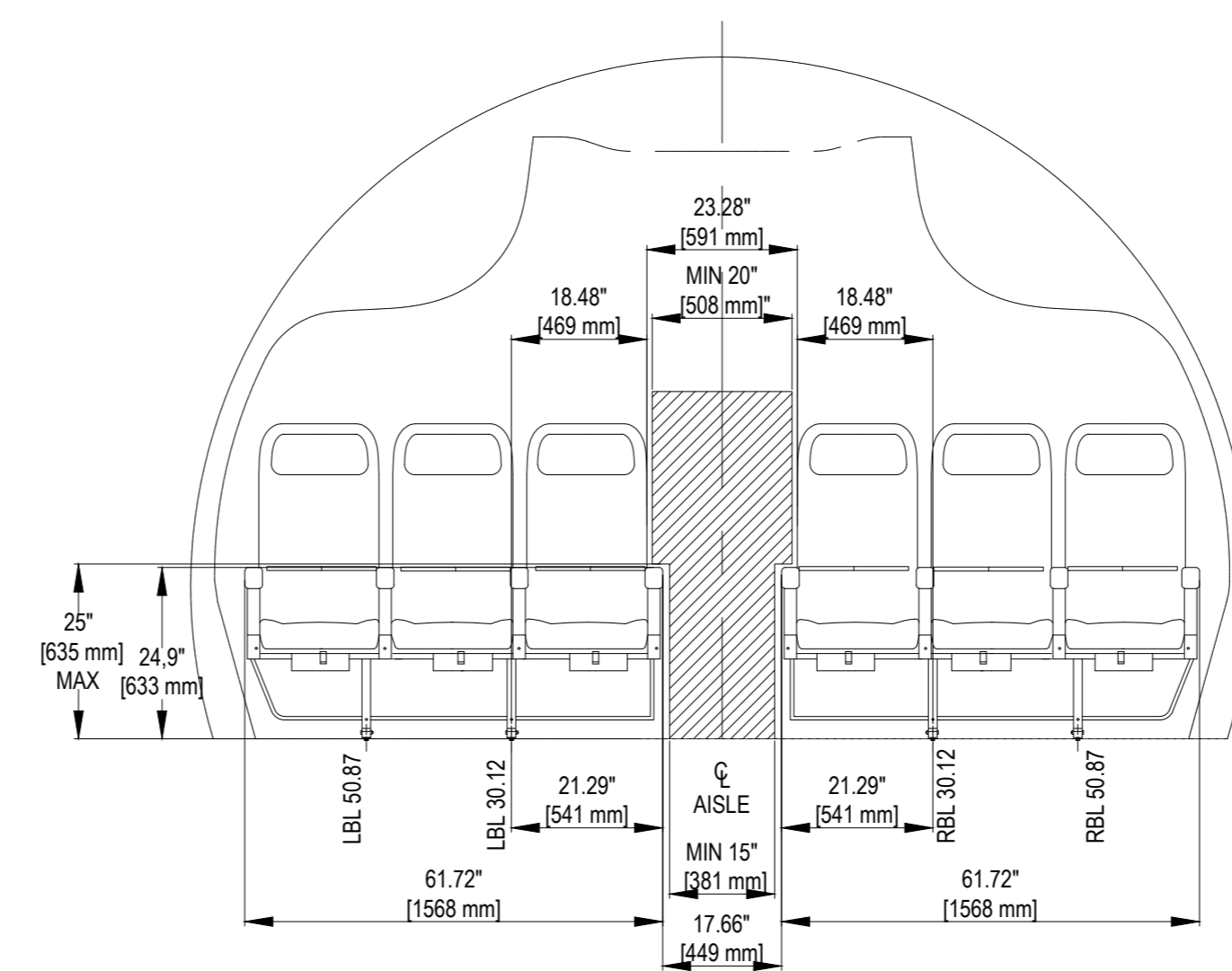


SECTION VIEW 'D-D'
TYPE III (OVERWING) EMERGENCY EXIT CLEARANCE ENVELOPE

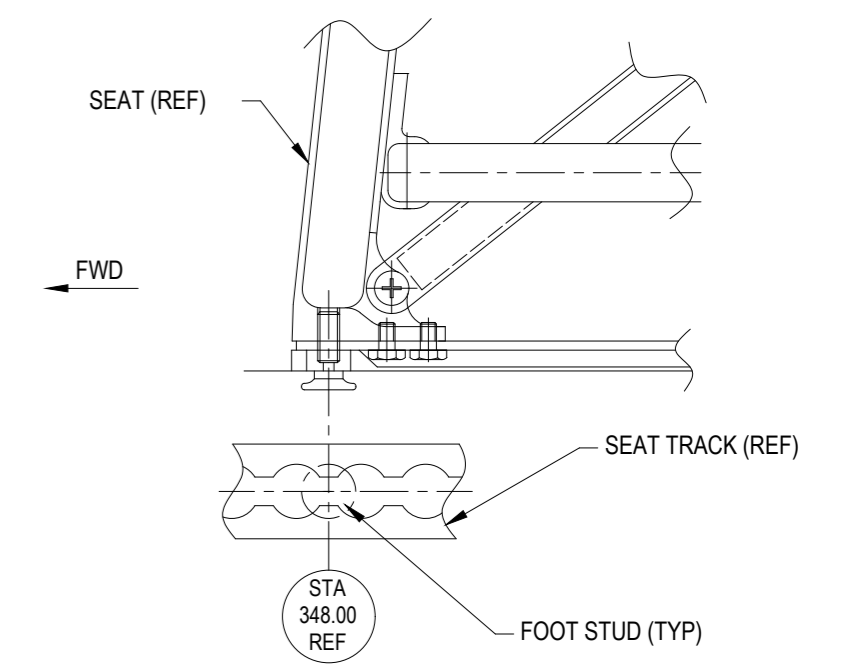
SECTION VIEW 'E-E'
LAST ROW CLEARANCE ENVELOPE



SECTION B - B
FIRST ROW (IAT) PASSENGER SEATS CLEARANCE ENVELOPE



SECTION F - F
STD PASSENGER SEATS CLEARANCE ENVELOPE

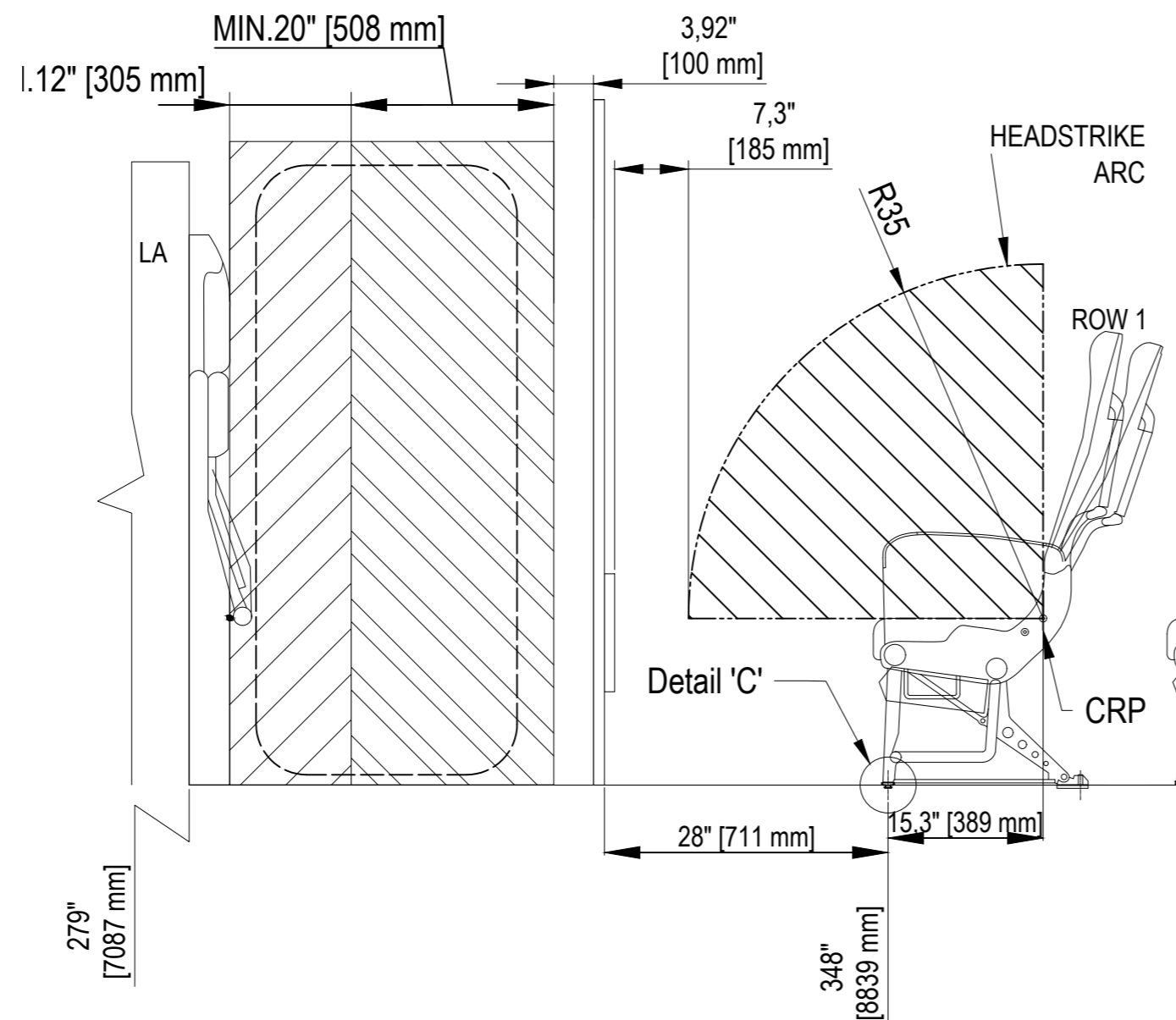


DETAIL 'C'
TYPICAL SEAT FRONT STUD INSTALLATION

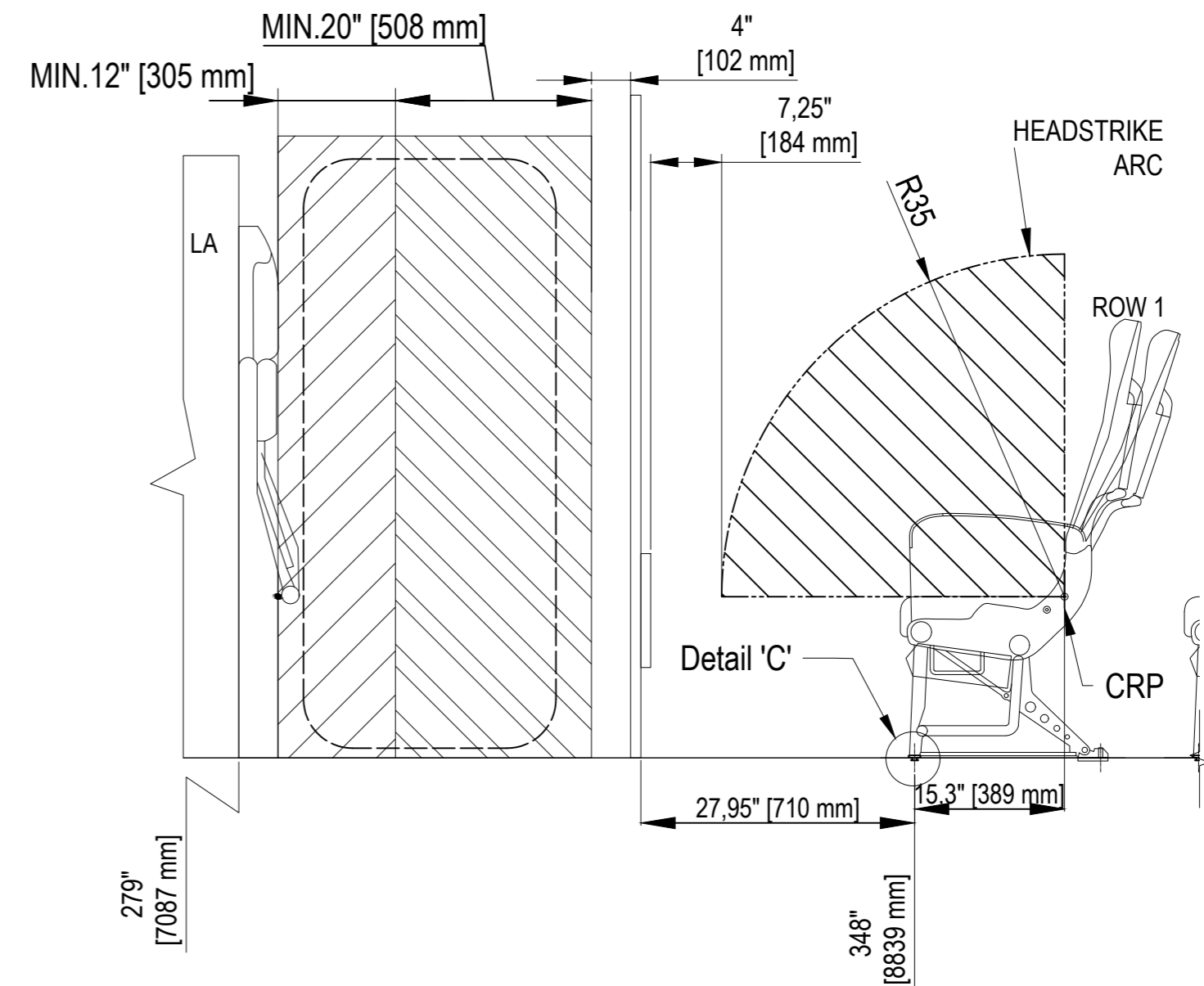
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180 Y/C LAYOUT OF PASSENGER SEATING ARRANGEMENT A320


ISSUE TABLE					
ISSUE	DESCRIPTION	DATE	PREPARED BY	CHECKED BY	APPROVED BY
A	Original Issue	SEE DAS-576-01	SEE DAS-576-01	SEE DAS-576-01	SEE DAS-576-01



4.A. 5 SECTION VIEW 'A-A'
CONF. 1
HEADSTRIKE ARC CLEARANCE ENVELOPE
FWD VACUATION PATH CLEARANCE
AIRCRAFT FUSELAGE OMITTED FOR CLARITY



4.A. 5 SECTION VIEW 'A-A'
CONF. 2
HEADSTRIKE ARC CLEARANCE ENVELOPE
FWD EVACUATION PATH CLEARANCE
AIRCRAFT FUSELAGE OMITTED FOR CLARITY

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DATE: SEE DAS-576-01	AVIONICS: SEE DAS-576-01		
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TITLE: 180 Y/C LAYOUT OF PASSENGER SEATING ARRANGEMENT A320	SCALE: NTS	SIZE: A2	LIMITS: N/A
	SHEET 6 OF 6		ISSUE
	DRG NO. FLT-DWG-576-01		A

DRG NO. FLT-DWG-576-02

ISSUE TABLE				
ISS.	DESCRIPTION	DATE	PREPARED BY	CHECKED BY
A	Original Issue	SEE DAS-576-01	SEE DAS-576-01	SEE DAS-576-01

NOTES:

- THIS DRAWING IS APPLICABLE FOR AIRCRAFT AIRBUS A320, MSN: 3601.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH FL TECHNICS DRAWING APPROVAL SHEET DAS-576-01 AND CHANGE/REPAIR BULLETIN CRB-576-01.
- REMOVE LCD MONITORS IN ACCORDANCE WITH A320 AMM 23-36-22.
- REMOVE/INSTALL OXYGEN MASK CONTAINER IN ACCORDANCE WITH A320 AMM 35-21-41.
- REMOVE/INSTALL GASPER IN ACCORDANCE WITH A320 AMM 21-24-19.
- REMOVE/INSTALL SPACER IN ACCORDANCE WITH A320 AMM 25-25-11.
- REMOVE/INSTALL PSIU PANEL IN ACCORDANCE WITH A320 AMM 23-73-45.
- NOT SHOWN SERVICE CHANNEL AREAS (FWD AND AFT FLIGHT ATTENDANT ZONE) REMAINS AS PER PRE-MOD CONFIGURATION AIRBUS DRAWING No.: D25290745000 .
- SPACER PANELS MAY BE USED IN COMBINATION TO SUBSTITUTE LARGER PANELS BY USING MULTIPLES OF SMALLER SPACER PANELS.
- DROP DOWN OXYGEN MASK CONTAINER PANELS MUST BE POSITIONED IN ACCORDANCE WITH A320 AMM 35-21-41 AND "OXYGEN MASK DROP LOCATION DETAIL" VIEW.
- THERE ARE 240 E.A. OF O2 MASKS AVAILABLE THROUGH THE AIRCRAFT CABIN (EXTRA 33%) SEE DRAWING TO DETERMINE EXACT POSITION OF OXYGEN CONTAINERS.
- ADJUST LIGHT BEAM OF READING LAMPS ONTO FRONT EDGE OF SEAT A320 AMM 33-25-00.
- NOT USED AIR CONNECTORS AND GASPER OUTLETS SHOULD BE COVERED WITH CAP (ITEM 28).
- NOT USED ELECTRICAL CONNECTORS SHOULD BE COVERED WITH CAP (ITEM 29).
- CABLES MUST BE TIED WITH CABLE TIES (ITEM 30).
- PUSH HOSE FIRMLY ONTO CONNECTION UNTIL IT MEETS THE END STOP. INSTALLED HOSE MUST BE FREE FROM TENSION.
- GASPER PANEL CONNECTED WITH AIR DISTRIBUTION CONNECTOR WITH ITEM 25 (HOSE - 150MM LONG).
- GASPER PANEL CONNECTED WITH AIR DISTRIBUTION CONNECTOR WITH ITEM 26 (HOSE - 250MM LONG).
- GASPER PANEL CONNECTED WITH AIR DISTRIBUTION CONNECTOR WITH ITEM 27 (HOSE - 400MM LONG).
- GAPS BETWEEN PANELS MADE BY TOLERANCE DIFFERENCES ARE TO BE FILLED BY ADJUSTMENT PANEL (ITEM 22) WHICH INCLUDES ITEM 20 ADJUSTMENT INFILL PANEL (8MM WIDTH) + ITEM 21 ADJUSTMENT INFILL PANEL (16MM WIDTH) + ITEM 14 INFILL PANEL (1IN WIDTH) .

Table 1. Parts Necessary for each Aircraft


Count	PN	DESCRIPTION	NOTE
4	Z315H0170103	PSIU Combi Panel (NSFSB sign; 3 reading lights; speaker)	7; 12
6	Z315H0370103	PSIU Combi Panel (3 reading lights)	7; 12
3	G1L124-25	LH Oxygen Mask Container (4 masks)	4
3	G1R124-25	RH Oxygen Mask Container (4 masks)	4
10	Z345H0011006	Gasper Panel (3 nozzles)	5
6	A2157169420200	Hose (length 400 mm)	19

Table 2. Existing Components or Parts to be Relocated on the Aircraft

Count	PN	DESCRIPTION	NOTE
32	Z315H0170103	PSIU Combi Panel (NSFSB sign; 3 reading lights; speaker)	7; 12
2	Z315H0270103	PSIU Combi Panel (NSFSB sign; 3 reading lights)	7; 12
16	Z315H0370103	PSIU Combi Panel (3 reading lights)	7; 12
27	G1L124-25	LH Oxygen Mask Container (4 masks)	4
27	G1R124-25	RH Oxygen Mask Container (4 masks)	4
9	RDAV9810-01	RH Video Monitor	3
9	RDAV9809-01	LH Video Monitor	3
50	Z345H0011006	Gasper Panel (3 nozzles)	5
8	D2527751010800	Infill Panel (1in width)	6
6	D2527750101200	Infill Panel (2in width)	6
12	D2527750201200	Infill Panel (4in width)	6
2	D2527750301200	Infill Panel (6in width)	6
2	A2528538601200	Clamping Panel	6
6	F25277577012	Adjustment Infill Panel (8mm width)	6
4	F25277576012	Adjustment Infill Panel (16mm width)	6
6	See note 20	Adjustment Panel	6; 20
1	D2527752401900	LH Partition panel (2in width)	6
1	D2527752401800	RH Partition panel (2in width)	6
24	A2157169420600	Hose (length 150 mm)	17
12	A2157169420400	Hose (length 250 mm)	18
18	A2157169420200	Hose (length 400 mm)	19

Table 3. Components or Parts Necessary to Remove from the Aircraft

Count	PN	DESCRIPTION	NOTE
4	Z315H0150103	PSIU Combi Panel (NSFSB sign; 2 reading lights; speaker)	7; 12
4	Z345H0014006	Gasper Panel (2 nozzles)	5
1	D25277527012	LH Partition Panel (6" width)	6
2	WJD350-20	Infill Panel (1in width)	6
1	D25277527013	RH Partition Panel (6" width)	6
6	D2527750201200	Infill Panel (4in width)	6
6	D2527750301200	Infill Panel (6in width)	6
6	D2527750401200	Infill Panel (8in width)	6
2	A2528538601200	Clamping Panel	6

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CHECKED/APPROVED:	STRUCTURES: SEE DAS-576-01	
TITLE: PSU LAYOUT ARRANGEMENT (MSN 3601)		SCALE: NTS SIZE: A2 LIMITS: N/A ALL DIMENSIONS ARE IN INCHES (mm) THIRD ANGLE PROJECTION
		SHEET 1 OF 9 ISS.
		DRG NO. FLT-DWG-576-02 A