

DRAWING NUMBER:  
JCA252JCAERO1616

F	E	D	C	B	A	DRW REVISION	CHANGES
					INITIAL REVISION	REVISION DSC	
					SEE ECN	REVISION DATE	

A

B

C

D

E

A

B

C

D

E

NOTES:

1. REMOVE/INSTALL PASSENGER SEATS IN ACCORDANCE WITH AMM SUPPLEMENT NO. JCAERO/AMM/0769-1.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH CHANGE ENGINEERING ORDER NO. JCAERO/EO/0769-1.
3. OUTBOARD ARMREST NOT TO PROTRUDE ACROSS EXIT APERTURE (THEREFORE IS TO BE A SHORT ARM OR NOT PRESENT) AND IS NOT TO IMPEDE OPENING OF EXIT HATCH. HATCH MOUNTED ARMRESTS (HMAR) ARE NOT ACCEPTABLE.
4. PASSENGER SEAT LOCATIONS REFER TO CENTERLINE OF THE SEAT FRONT STUD. THE CENTERLINE OF SEAT FRONT STUD TO BE DEFINED AS MEASUREMENT POINT.
5. ALL MEASUREMENTS SHALL BE MADE WITH SEATS IN UPRIGHT POSITION, ARMRESTS DOWN AND FOODTRAY TABLES STOWED.
6. THE OUTBOARD ARMRESTS OF SEATS AT ROW 12 AND 13 (L/H AND R/H) ARE MODIFIED IN ACCORDANCE WITH MINOR CHANGE NO. 320392 (EASA.21J.409) TO SUIT THE EMERGENCY EXIT REQUIREMENTS.
7. THE FOODTRAY LATCHES OF THE SEATS AT ROW 11 AND 12 (L/H AND R/H) ARE MODIFIED TO LOCK THE OPENING IN OUTBOARD DIRECTION IN ACCORDANCE WITH MINOR CHANGE NO. 320392 (EASA.21J.409).
8. THE BACKREST RECLINE MECHANISM OF PASSENGER SEATS AT ROW 11 AND 12 (L/H AND R/H) IS ADJUSTED TO UPRIGHT POSITION AND LOCKED IN ACCORDANCE WITH MINOR CHANGE NO. 320392 (EASA.21J.409).
9. THE SEATS AT ROW 30 R/H & L/H ARE MODIFIED TO SUIT LAST ROW SEAT CONFIGURATION IN ACCORDANCE WITH MINOR CHANGE NO. 320392 (EASA.21J.409).

FUNCTIONALITY AND CONFORMITY CHECKS

10. CHECK THAT EXIT SIGNS/MARKERS ARE NOT OBSCURED.
11. CHECK THAT EACH SEAT IS EQUIPPED WITH AN (E)TSO APPROVED LIFE VEST.
12. CHECK THAT ALL "NO SMOKING" AND "FASTEN SEAT BELTS" SIGNS/MARKINGS ARE CLEARLY VISIBLE.
13. CHECK THAT OXYGEN DROP DOWN MASKS DEPLOY CORRECTLY I.A.W. THE AMM.
14. CHECK THAT THE TOTAL NUMBER OF OXYGEN MASKS EXCEEDS THE NUMBER OF PASSENGER SEATS BY 10%. THE EXTRA UNITS MUST BE EVENLY DISTRIBUTED THROUGHOUT THE CABIN AS PRACTICAL.
15. CHECK MINIMUM AISLE WIDTHS THROUGHOUT THE AIRCRAFT FOR CONFORMITY I.A.W. VIEW "SECTION A-A" & "SECTION C-C".
16. CHECK THAT SEAT ROW NUMBERING IS INSTALLED IN THE CORRECT LOCATIONS AND MATCH THE NEW SEATING LAYOUT.
17. CHECK THAT EACH PASSENGER SEAT AND CREW SEAT IS EQUIPPED WITH (E)TSO APPROVED SEAT BELT I.A.W. APPLICABLE SEAT CMM.
18. CHECK THAT MINIMUM DISTANCE FROM CUSHION REFERENCE POINT TO BULKHEAD IS GREATER THAN 35.00 INCHES. THE CRP IS DEFINED AS THE INTERSECTION OF THE TOP SURFACE OF BOTTOM CUSHION AND A CONSIDERATIONS VERTICAL LINE TANGENTIAL TO THE FORWARD MOST POINT OF THE SEAT BACK. MEASURED AT THE CENTER OF THE SEAT BACK WITH THE SEAT BACK IN THE FULL UPRIGHT POSITION. LITERATURE POCKETS OR OTHER EQUIPMENT INSTALLED ON BULKHEADS AT 18 INCHES OR HIGHER ABOVE THE FLOOR LEVEL SHALL BE CONSIDERED WITHIN THE HEAD STRIKE AREA.
19. CHECK THAT MINIMUM TYPE III EMERGENCY EXIT PASSAGEWAY REQUIREMENTS CONFORM WITH VIEW "DETAIL G".
20. CHECK THAT TYPE III EXIT HATCHES OPERATE WITHOUT INTERFERENCE IAW THE AMM.
21. CHECK THAT ALL NEW SEATS ARE SUPPLIED WITH AN EASA FORM 1.
22. CHECK THAT ALL FLOOR PATH LIGHTING IS VISIBLE WHEN ALL CABIN LIGHTING ABOVE 4 FEET IS EXTINGUISHED INCLUDING EXIT SPURS.
23. CHECK THAT THERE IS A MINIMUM OF 0.79 INCH CLEARANCE BETWEEN THE SEAT BACKREST AND FIXED MONUMENT, AND BETWEEN THE SEAT AND SIDEWALL.
24. CHECK THAT FOODTRAY TABLES ON TYPE III OVERWING EXIT SEATS CANNOT BE INADVERTENTLY DEPLOYED INTO THE EMERGENCY EXIT AISLE. ONE OF THE FOLLOWING FEATURES MUST BE MET:
  - 24.1. FOODTRAY TABLE LATCHES OPERATE IN AN INBOARD DIRECTION ONLY, OR;
  - 24.2. FOODTRAY TABLE LATCHES ARE FULLY RECESSED BELOW THE SURROUNDING SEAT STRUCTURE.
25. CHECK THAT SEATS AT TYPE III OVER WING EMERGENCY EXITS DO NOT HAVE RECLINE OR BREAK OVER WHICH CAN INTERFERE WITH MINIMUM EMERGENCY EXIT AISLE WIDTHS AND DO NOT HAVE OUTBOARD ARMREST.
26. CHECK THAT ALL SEATS ARE EQUIPPED WITH APPROVED CUSHIONS AND COVERS AS PER SEAT CMM.
27. CHECK THAT EACH TYPE C EXIT HAVE ASSIST SPACE OF 12.00 x 20.00 INCHES AT ONE SIDE OF EXIT PASSAGEWAY ONLY. ASSIST SPACE MUST NOT INTERFERE WITH EXIT PASSAGEWAY.
28. CHECK THAT ALL SEATS PLACARDED WITH INSTRUCTIONS TO FASTEN SEAT BELTS AND WITH INFORMATION OF LIFE VEST LOCATION.
29. CHECK THAT PLACARDS CLEARLY INDICATED THE METHOD OF OPENING OF EACH TYPE III EXIT HATCH ARE LOCATED IN A PROMINENT POSITION & CLEARLY VISIBLE TO THE OCCUPANT OF EACH SEAT WHICH FORMS THE ACCESS ROUTE FROM THE CABIN AISLE TO THE TYPE III EXIT. ENSURE PRESENCE OF TYPE III HATCH OPENING INSTRUCTIONS PLACARD ON THE AFT FACE OF EACH FOODTRAY TABLE OR BACKREST OF THE SEATS IN ROW 11 AND 12 (PLACARDS ARE VISIBLE TO THE PASSENGERS IN ROW 12 AND 13).
30. CHECK THAT SEATS IN ROW 30 HAVE NO RECLINE.

TABLE 2

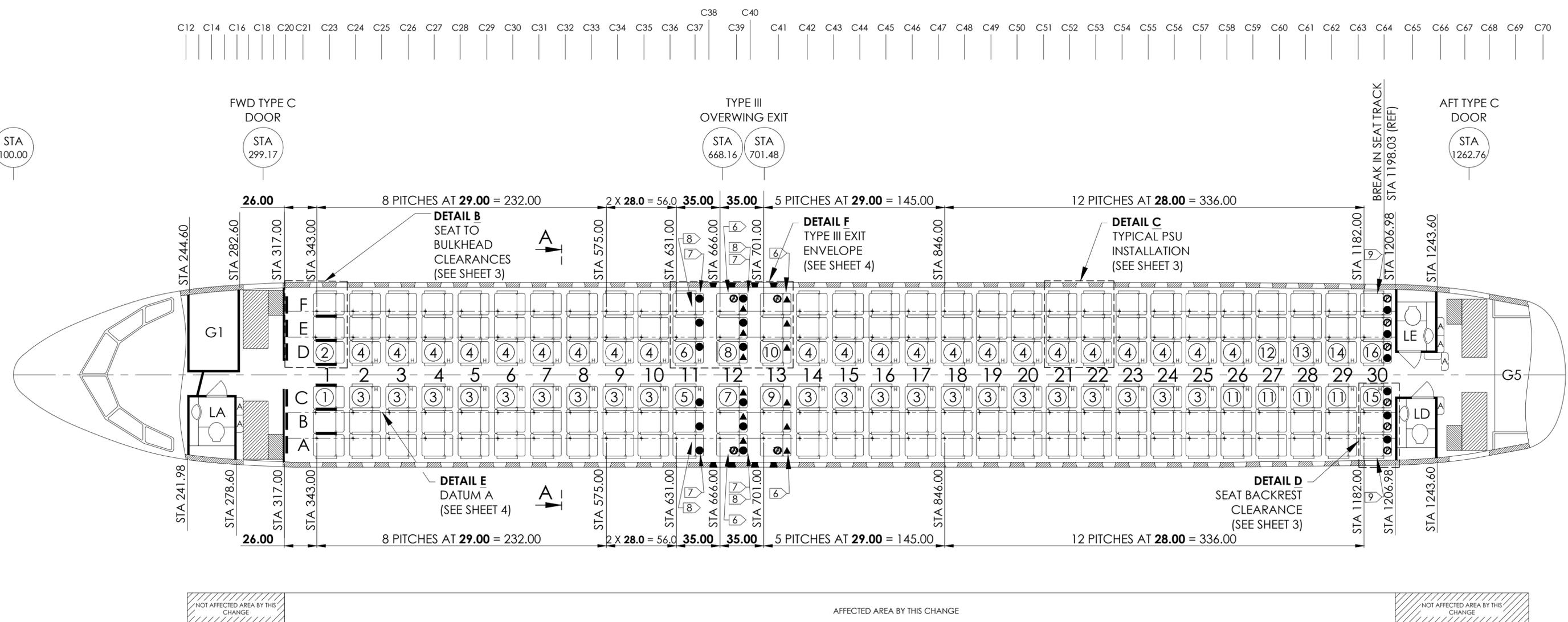
DESCRIPTION	ABBREVIATION
LEFT HAND	L/H
RIGHT HAND	R/H
CENTER	CTR
TRIPLE	TPL
DOUBLE	DBL
OUTBOARD	OUTBD
IN-ARM TABLE	IAT
RECLINE	REC
BREAKOVER	B/O
FOODTRAY	FDTR
LITERATURE POCKET	LP
NARROW	NRW
FORWARD	FWD
STANDARD	STD
TYPICAL	TYP
ASSEMBLY	ASSY
SEAT REFERENCE POINT	SRP
CUSHION REFERENCE POINT	CRP

TABLE 1

SYMBOL	DESCRIPTION	ABBREVIATION
	SEAT WITH IN-ARM TABLE	IAT
	LITERATURE POCKET	LP
	SEAT WITH NO ARMREST	NO ARM
	SEAT WITH NO FOODTRAY	NO FDTR
	SEAT WITH NO BREAK OVER	NO B/O
	SEAT WITH NO RECLINE	NO REC
	SEAT WITH HANDICAPPED FACILITIES	HC
	CABIN ATTENDANT SEAT	CAS
	LAVATORY '(') - DESIGNATION LETTER	LAV
	GALLEY '(') - DESIGNATION DIGIT	GL

 EASA APPROVAL NO: EASA.21J.580	WWW.THISISDOA.EU INFO@THISISDOA.EU PHONE: +353 1 529768	AIRCRAFT: AIRBUS A320-214	MANUFACTURING TOLERANCES: SHEET WORK ±0.03 MACHINING ±0.02 ANGULAR ±0.50 (UNLESS OTHERWISE SPECIFIED)	DRAWN BY: SEE JCAERO/ECN/1616	
	MSN: 03880, 03866	REGISTRATION: -	SCALE: NTS SIZE: A2	ALL DIMENSIONS ARE IN INCHES THIRD ANGLE PROJECTION	CHECKED BY: SEE JCAERO/ECN/1616
	TITLE: 180 PAX [180Y] LAYOUT OF PASSENGER ACCOMMODATION				
DRAWING NUMBER: JCA252JCAERO1616			SHEET 1 OF 4		

DRAWING NUMBER:  
JCA252JCAERO1616



1 -101 INSTALLATION

QTY.	QTY.	QTY.	MAP REF.	ITEM NO.	PART NUMBER	DESCRIPTION	MANU.	CMM	STATUS	POST-MOD. PART NUMBER	NOTE	
	1	16			3520D950-32-521	TRIPLE R/H SEAT - HC, NO REC, NO FDTR	RECARO	25-26-14	NEW	EPA-3520D950-32-521-S4A	9	
	1	15			3520D950-31-521	TRIPLE L/H SEAT - HC, NO REC, NO FDTR	RECARO	25-26-14	NEW	EPA-3520D950-31-521-S4A	9	
	1	14			3520D950-32-371	TRIPLE R/H SEAT - HC, STRETCHER, 17" SEATLEG	RECARO	25-26-14	NEW			
	1	13			3520D950-32-391	TRIPLE R/H SEAT - HC, STRETCHER, 17" SEATLEG	RECARO	25-26-14	NEW			
	1	12			3520D950-32-341	TRIPLE R/H SEAT - HC, STRETCHER	RECARO	25-26-14	NEW			
	4	11			3520D950-31-391	TRIPLE L/H SEAT - HC, STRETCHER, 17" SEATLEG	RECARO	25-26-14	NEW			
	1	10			3520D950-32-311	TRIPLE R/H SEAT - HC, NO OUTBD ARMREST	RECARO	25-26-14	NEW	EPA-3520D950-32-311-S4A	6	
	1	9			3520D950-31-311	TRIPLE L/H SEAT - HC, NO OUTBD ARMREST	RECARO	25-26-14	NEW	EPA-3520D950-31-311-S4A	6	
	1	8			3520D950-32-311	TRIPLE R/H SEAT - HC, NO REC, NO OUTBD ARMREST, LATCH OPENS INBOARD ONLY	RECARO	25-26-14	NEW	EPA-3520D950-32-311-S4A	6, 7, 8	
	1	7			3520D950-31-311	TRIPLE L/H SEAT - HC, NO REC, NO OUTBD ARMREST, LATCH OPENS INBOARD ONLY	RECARO	25-26-14	NEW	EPA-3520D950-31-311-S4A	6, 7, 8	
	1	6			3520D950-32-311	TRIPLE R/H SEAT - HC, NO REC, LATCH OPENS INBOARD ONLY	RECARO	25-26-14	NEW	EPA-3520D950-32-311-S4A	7, 8	
	1	5			3520D950-31-311	TRIPLE L/H SEAT - HC, NO REC, LATCH OPENS INBOARD ONLY	RECARO	25-26-14	NEW	EPA-3520D950-31-311-S4A	7, 8	
	22	4			3520D950-32-311	TRIPLE R/H SEAT - HC, STD	RECARO	25-26-14	NEW			
	21	3			3520D950-31-311	TRIPLE L/H SEAT - HC, STD	RECARO	25-26-14	NEW			
	1	2			3520D950-32-511	TRIPLE R/H SEAT - IAT	RECARO	25-26-14	NEW			
	1	1			3520D950-31-511	TRIPLE L/H SEAT - IAT	RECARO	25-26-14	NEW			
					180 PAX [180Y] LAYOUT OF PASSENGER ACCOMMODATION							



**J&C AERO**  
EEU

EASA APPROVAL NO:  
EASA.21J.580

WWW.THISISDOA.EU  
INFO@THISISDOA.EU  
PHONE: +353 1 5299768

MSN: 03880, 03866

TITLE: 180 PAX [180Y] LAYOUT OF PASSENGER ACCOMMODATION

DRAWING NUMBER: JCA252JCAERO1616

AIRCRAFT: AIRBUS A320-214

REGISTRATION: -

SCALE: NTS

SIZE: A2

MANUFACTURING TOLERANCES:  
SHEET WORK ±0.03  
MACHINING ±0.02  
ANGULAR ±0.50

(UNLESS OTHERWISE SPECIFIED)

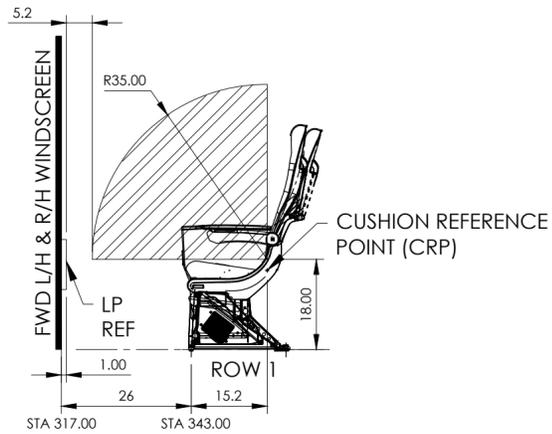
ALL DIMENSIONS ARE IN INCHES  
THIRD ANGLE PROJECTION

DRAWN BY: SEE  
JCAERO/ECN/1616

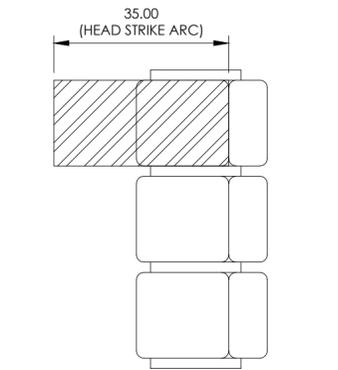
CHECKED BY: SEE  
JCAERO/ECN/1616

SHEET 2 OF 4

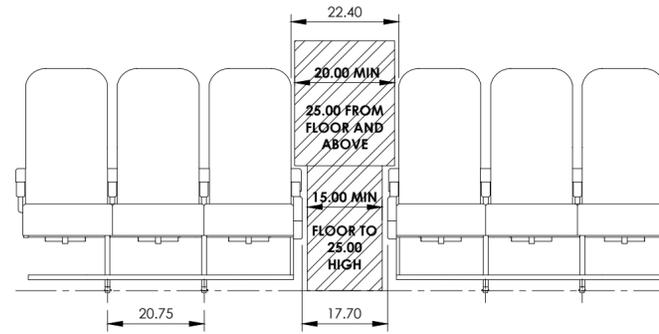
REV. A



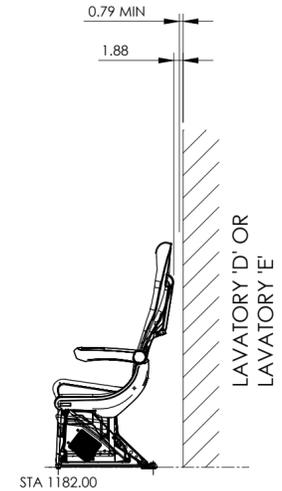
MINIMUM REQUIRED BULKHEAD CLEARANCE  
35.00  
(MEASURED FROM CUSHION REFERENCE POINT)



TYPICAL HEAD STRIKE ZONE  
(AT EACH PAX PLACE - AFT OF  
BULKHEADS OR FIXED STRUCTURE)

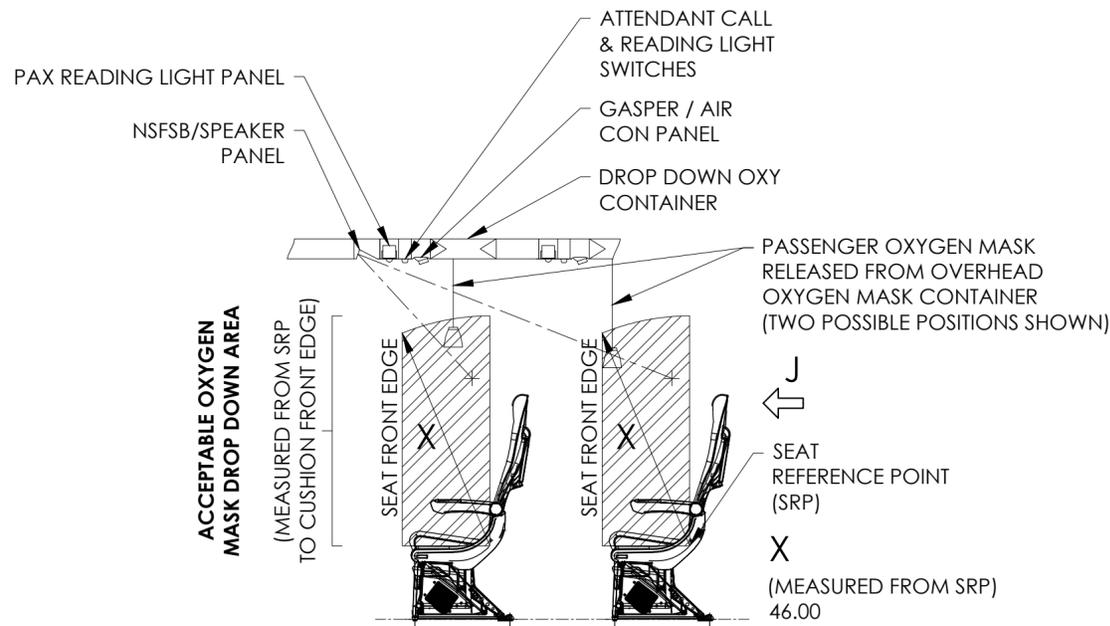


**SECTION A-A - WIDTH OF AISLE**  
IAW JAR 25.815 - EXAMPLE SHOWN AT CONSTANT SECTION  
(RECARO 3520D TYPE 950 SERIES SEATS)

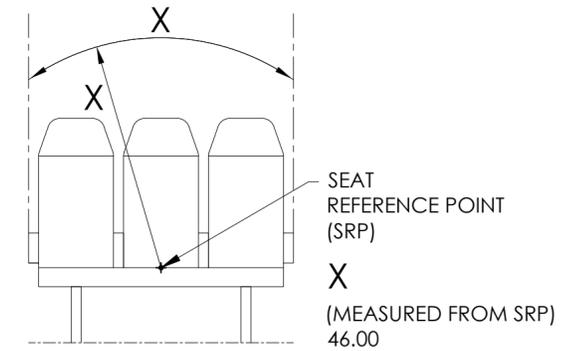


LAST ROW  
**DETAIL D 30**  
TYPICAL SEAT BACKREST CLEARANCE  
(L/H SHOWN, R/H SYMMETRICAL)  
AS PER AIRBUS PASSENGER SEATS INSTALLATION - FRAME  
SPECIFICATION 2521 M1F 1000 00

**DETAIL B**  
TYPICAL SEAT TO BULKHEAD CLEARANCE  
R/H SHOWN (L/H SYMMETRICAL)



**DETAIL C**  
TYPICAL PSU/PSIU ARRANGEMENT

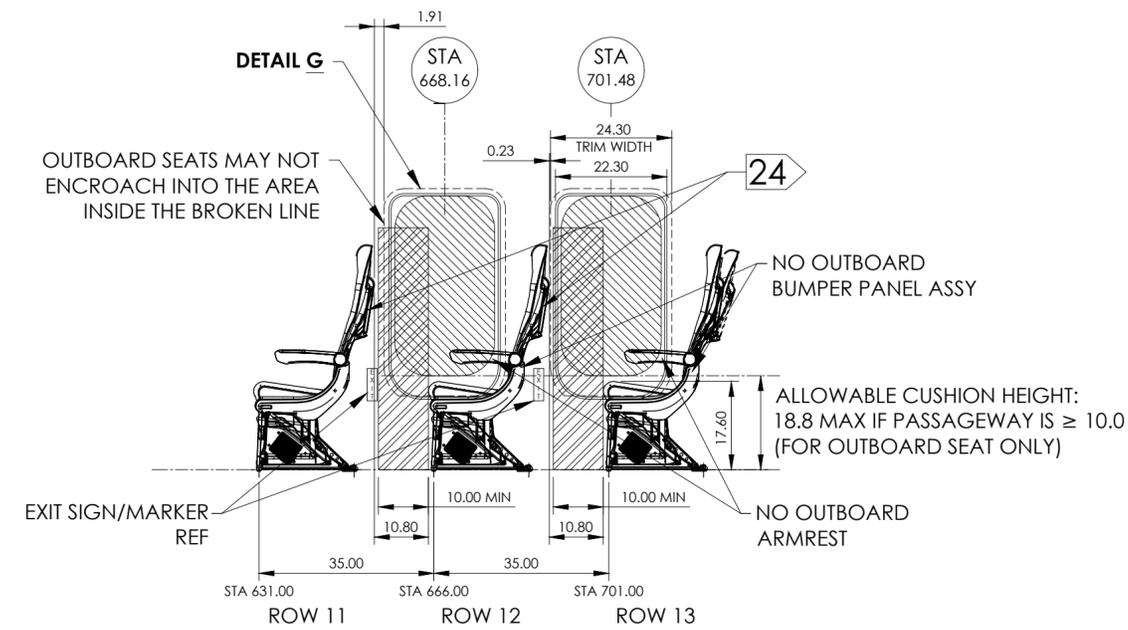


**VIEW ON ARROW J**  
TYPICAL OXYGEN MASK DROP DOWN  
RADIUS

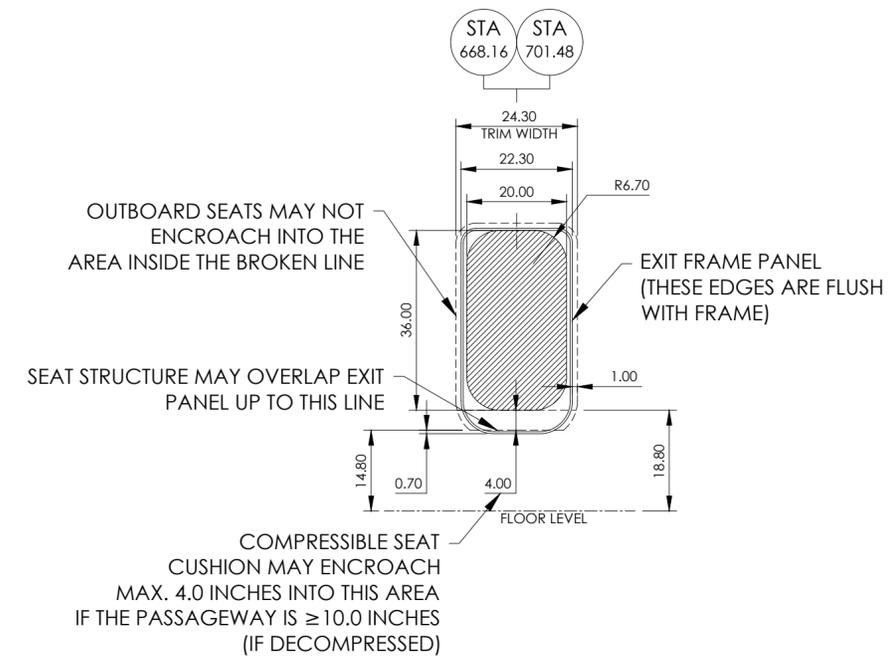
 J&C AERO EEU <small>EASA APPROVAL NO: EASA.21J.580</small>	<small>WWW.THISISDOA.EU INFO@THISISDOA.EU PHONE: +353 1 529768</small>	<small>AIRCRAFT: AIRBUS A320-214</small>	<small>MANUFACTURING TOLERANCES: SHEET WORK ±0.03 MACHINING ±0.02 ANGULAR ±0.50 (UNLESS OTHERWISE SPECIFIED)</small>	<small>DRAWN BY: SEE JCAERO/ECN/1616</small>
	<small>MSN: 03880, 03866</small>	<small>REGISTRATION: -</small>	<small>SCALE: NTS SIZE: A2</small>	<small>ALL DIMENSIONS ARE IN INCHES THIRD ANGLE PROJECTION</small>
<small>TITLE: 180 PAX [180Y] LAYOUT OF PASSENGER ACCOMMODATION</small>				
<small>DRAWING NUMBER: JCA252JCAERO1616</small>			<small>SHEET 3 OF 4</small>	<small>REV. A</small>

DRAWING NUMBER:  
JCA252JCAERO1616

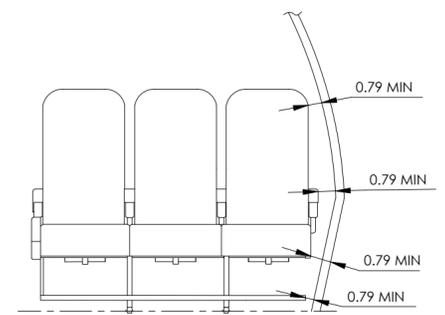
A  
B  
C  
D  
E



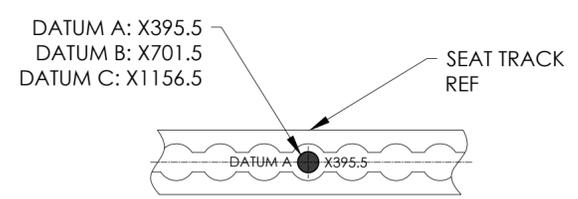
**3** **DETAIL F**  
TYPE III EXIT PASSAGEWAY ENVELOPE & MAXIMUM CUSHION HEIGHT AS PER AIRBUS PASSENGER SEATS INSTALLATION - FRAME SPECIFICATION 2521 M1F 1000 00



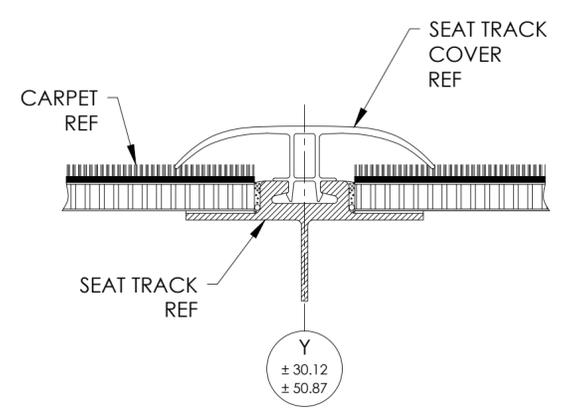
**DETAIL G**  
TYPICAL TYPE III EMERGENCY EXIT HATCH ENVELOPE AS PER AIRBUS PASSENGER SEATS INSTALLATION - FRAME SPECIFICATION 2521 M1F 1000 00



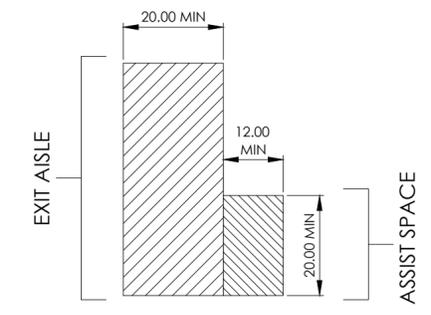
**MINIMUM CLEARANCE FROM THE SIDEWALL**  
AS PER AIRBUS PASSENGER SEATS INSTALLATION - FRAME SPECIFICATION 2521 M1F 1000 00



**DETAIL E**  
DATUM A



**TYPICAL SEAT TRACK COVER INSTALLATION**



**TYPICAL TYPE I, TYPE C DOOR EXIT AISLE & ASSIST SPACE**  
(REFER TO JAR 25.813 EMERGENCY EXIT ACCESS AND EASE OF OPERATION)

 J&C AERO EEU <small>EASA APPROVAL NO: EASA.21J.580</small>	<small>WWW.THISISDOA.EU</small> <small>INFO@THISISDOA.EU</small> <small>PHONE: +353 1 5299768</small>	<small>AIRCRAFT:</small> AIRBUS A320-214	<small>MANUFACTURING TOLERANCES:</small> SHEET WORK ±0.03 MACHINING ±0.02 ANGULAR ±0.50 (UNLESS OTHERWISE SPECIFIED)	<small>DRAWN BY:</small> SEE JCAERO/ECN/1616
	<small>MSN:</small> 03880, 03866	<small>REGISTRATION:</small> -	<small>SCALE:</small> NTS <small>SIZE:</small> A2	<small>ALL DIMENSIONS ARE INCHES THIRD ANGLE PROJECTION</small>
<small>TITLE:</small> 180 PAX [180Y] LAYOUT OF PASSENGER ACCOMMODATION				
<small>DRAWING NUMBER:</small> JCA252JCAERO1616			SHEET 4 OF 4	<small>REV.</small> A