All cargo to be separated/segregated as per shipment dimensions prior to loading on to ULD's

CABIN:

Cabin has 20 PKC pallet positions from FWD to AFT.

Each PKC can be loaded with boxes with the right size to stack boxes up to maximum height of 150cm/60inches. *Having right size packages is extremely important to optimize. Shippers to be briefed*,

PKC DIMS: L:153.4cm x W:156.2cm x H:150cm (3.59M3 - EACH)

In order to stack boxes up to 150cm, height of boxes to be divisible to 150 to stack up to 150cm height.

Eg:

Boxes with **35cm height** stacked up to 4 layer, will reach up to ONLY 140cm, leaving 10cm, unless 10cm boxes are planned to top-up, **space is wasted**.

Boxes with 25cm height stacked up to 6 layers will reach 150cm, space not wasted/optimized.



Adding one more layer could exceed max height hence it's important to have boxes with right height booked and planned.

CABIN LAYOUT FOR VISUAL UNDERSTANDING



WELL OPTIMIZED DUE BOXES DEVELOPED TO MAXIMIZE WITH "RIGHT HEIGHT" BOXES SMART PLANNING !!



CABIN MUST BE "ALWAYS" PLANNED WITH SMALL BOXES. ALL SHIPPERS MUST BE ENCOURAGED TO USE BOXES WITH DIMS FITS PKC LOADING SPACE.

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OVERHEAD BINS / GALLEY'S

Aircraft has a volume close to 20m3 to be loaded in to overhead bins and galleys. Galley's can be loaded with slightly bigger boxes but small boxes similar to ovhd dims, will allow to maximize Galley's as well

Dimension must not exceed L: 100cm x W: 45 x H: 35cm

Failing to plan such boxes will result in aircraft leaves with OVERHEAD bins UNUSED.



Only small boxes with 100cm x 45cm x 35cm will fit. Bigger will be offloaded. Need 30m3 or more to optimize space.



OVERHEAD BINS

ΤΟΤΔΙ	117 COMPARTMENTS		16.09	
CENTRE OHSC	59	100 x 45 x 30	8 26	
LH OHSC*	28	<mark>100 x 45 x 30</mark>	3.78	
RH OHSC*	30	<mark>100 x 45 x 30</mark>	4.05	
AREA	COMPARTMENTS	DIMS (CM)	CBM	

GALLEY AREA LOCATION	DIMS	CBM	
FWD	160 x 85 x 90	1.22	
CENTRE	190 x 85 x 90	1.45	
AFT	190 x 85 x 90 * 2	2.9	
AFT GALLEY GRND	260 x 94 x 140	3.42	
Total		8.99	

Smaller the boxes, will fit in well in galleys

ZONE A : 12 FCLS | 07 BCLS SEATS





ON SEATS

SEAT TYPE	NR OF SEATS	DIMS (cm)	TOTAL
FCLS	12	67 x 43 x 65	2.26
BCLS	07	51 x 49 x 85	1.49
TOTAL	-	-	<mark>3.75</mark>

BETWEEN SEATS:

AREA	NR OF SUB	DIMS(cm)	TOTAL
	AREA		
BEFORE ROW 1 IN FCLS	03	81 x 140 x 140	1.59
BETWEEN ROW 1 & 2 – FCLS	03	100 x 140 x 140	5.88
Behind ROW 2 in FCLS	03	49 x 140 x 140	2.91
Front of ROW 1 in BCLS	03	74 x 126 x 140	3.94
Behind ROW 1 in BCLS	03	38 x 26 x 140	2.01
Total	-	-	<mark>16.33</mark>

TOTAL : LOADABILITY 20M3 SUBJECT TO AVAILABILITY OF SUITABLE DIMS/PACKAGES.

LOWER DECK

8 PMC pallets and 1 PLA can be loaded in FWD and AFT section of the lower deck

Since Pallets are built by the client, client is responsible to ensure all pallets are loaded with overhang on each pallet's – SHORT SIDE – to gain more volume.

Protruding of shipments has to be loaded as per operator's instructions;

Overhang to start at a height of 50cm from the pallet base protruding 30cms outwards from the short side of each pallet. Height of the pallet must be up to 64inches.

Shrink wrapping and selection of the boxes is crucial to avoid pallet sagging/collapsing during ground movement. Also possible collapse inside the aircraft while moving inside the aircraft hold which can damage the aircraft wall too.

Overhang pallet to be taken as **13m3 on a PMC and 8m3 on a FLA**. Pallets to be covered with plastic to avoid damage due bad weather.



CROSS SECTION OF A LOWER DECK PALLET

BULK:

Can be loaded up to 19.7m3 as per specifications. Bulk can be further optimized by loading extra pieces through AFT Cargo door H4 after closing H5 door. This can be done if the pieces are orderly loaded in to bulk. This loading can be done only with the approval of the Load Master.

RD/ORION/22JUL21