MEET THE SMART CARGO WORKHORSE- A320P2F.

VAAYU

RETHINKING AVIATION SOLUTIONS.

THE CARGO POWERHOUSE

21 Tons
Payload

Containerized
Main Deck:
10 AAY + 1PAJ

82”
Main Deck
Height

High Vol-Wt
Ratio 161 m^3

Ideal Aircraft
for Regional
Operations

Fly-By-Wire
Fuel Efficient
Aircraft

2100nm
Range

THE SMART CARGO WORKHORSE

SPECS/FEATURES

STORAGE SPECIFICATIONS

GROSS VOLUME FIGURES

A320P2F OFFERS EFFICIENT SPACE OCCUPANCY.

	Pallet	Containers
GROSS PAYLOAD	100%	85%

LOWER DECK WITH
LD3-45W

SIZE SPECIFICATIONS

MAIN DECK

10+1

10 x 88" x 125"
1 PALLET
(88"or 96" x 125")

LOWER DECK

7

LD3-45W

CONTAINER
OPTIMISED VOLUME

5,675 FT³*

161 M³
*100% ULD VOLUME,
NO BULK

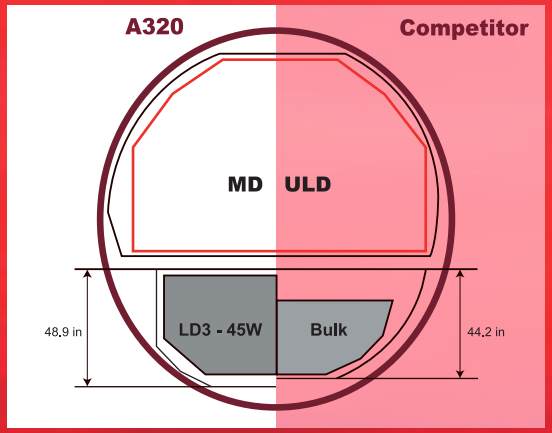
EQUALS AAY
CONTAINERS

13

SUPERIOR STOWABILITY

FOR A320 FAMILY
VS SAME SEGMENT AIRCRAFT

85% STOWAGE EFFICIENCY

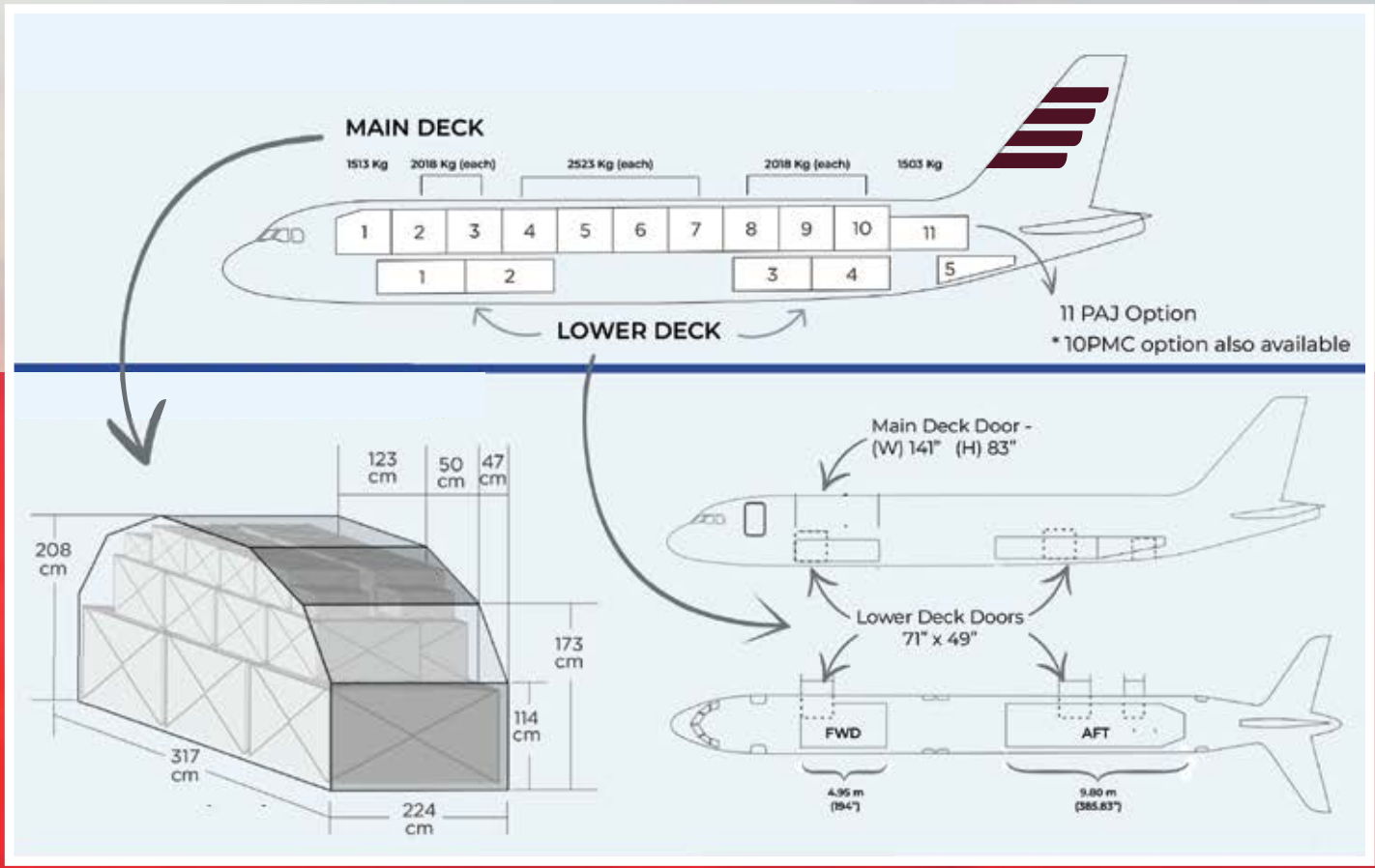


50% STOWAGE EFFICIENCY

A320P2F's BENEFITS

SPEEDIER LOADING

OFFERING A 50% BIGGER OPENING SURFACE,
A320 FAMILY CARGO DOORS SPEED
UP LOADING AND UNLOADING.



LARGER STORAGE AREA

A320 FAMILY PUSH-OUT CARGO DOORS
SMOOTH FUNCTIONING,
FOR FULLY COVERED LOADING AREA

BIGGER OUTWARD-OPENING,
DOORS WITH HYDRAULIC
POWER. DEPLOYMENT IN LESS
THAN 60 SECONDS.

SAME SEGMENT AIRCRAFT:

THE DOOR BLOCKS THE LOADING, LEADING TO A LOSS IN
STOWABILITY VOLUME AND A SMALLER WORKSPACE.
CARRIERS HAVE A LESSER TURNAROUND TIME
DUE TO DOOR PROTECTION.

COST ADVANTAGES

CONTAINERIZED BELLY CARGO COMPARTMENT
FASTER LOADING AND UNLOADING

OEM SUPPORTED DESIGN
TO MINIMIZE DOWN-TIME

CENTRALIZED MAINTENANCE
SMOOTHER TROUBLESHOOTING
POST-FLIGHT REPORTING
INSTANT MONITORING

EFFICIENT COMPONENTS
DUAL-SOURCE APU
BRAKES CARBON
RADIAL DESIGN TYRES

FLY-BY-WIRE
FEWER SCHEDULED TASKS
FEWER MAN-HOURS
MINIMAL COMPLEXITY

ADVANCED MATERIALS
REDUCED MAINTENANCE COST
REDUCED FATIGUE
REDUCED CORROSION

ADVANCED ENGINES
HIGHER WING TIME
FAN WITH LARGER DIAMETER
DOUBLE SOURCE

SINGLE AISLE FAMILY SPECIFICATIONS

TECHNOLOGY PIONEER
FLY-BY-WIRE, ADVANCED MATERIALS.

UNBEATABLE FUEL EFFICIENCY
LESS FUEL BURN PER TONNE AND PER TRIP.

ADVANCED ENGINE TECHNOLOGY
HIGH BY-PASS RATIO
LOW NOISE AND EMISSIONS.

CARGO FLEXIBILITY
CONTAINERIZED CONFIGURATION, CLS.

PLATFORM TO INNOVATE
CONTINUOUS INNOVATION.

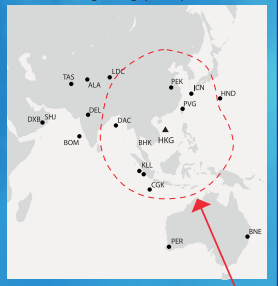
PAYLOAD RANGE, OPERATIONAL EFFICIENCY

- SUPERIOR SPACE USAGE, MADE POSSIBLE BY FLEXIBLE CARGO DESIGN.
- WELL SUITED TO THE SMALL SIZE MARKET SEGMENT.
- BETTER AIRCRAFT DESIGN WITH NON-STOP IMPROVEMENTS.
- AMPLE FEEDSTOCK TO REDUCE OWNERSHIP COST.
- A COMMON FRAMEWORK FOR BETTER COMPATIBILITY WITH PASSENGER FLEET AND TO AID FUTURE FLEET PLANNING.

Around Cairo (CAI)

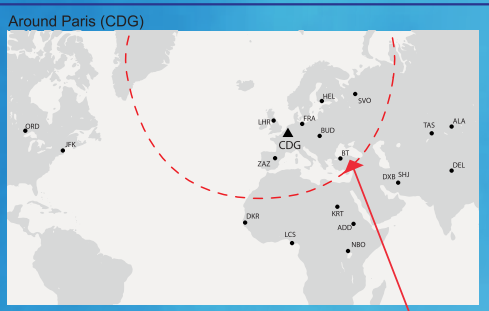
ISA temperature
85% annual winds
reliability Max headwinds
JAR 3%

Around Hong Kong (HKG)



ISA temperature
85% annual winds
reliability Max headwinds
JAR 3%

Around Paris (CDG)



ISA temperature
85% annual winds reliability
Max headwinds
JAR 3%

A320P2F PAYLOAD RANGE


LET'S TALK
VAAYU
RETHINKING AVIATION SOLUTIONS.
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