

# THE EXPERTISE OF ZODIAC AEROSPACE

## TO COMFORT, ONBOARD SYSTEMS AND SAFETY OF AIRCRAFT



### ZODIAC CABIN & STRUCTURES

#### OVERALL DESIGN AND IMPLEMENTATION OF CABIN LAYOUT

- 01 Exit door liners and door surround.
  - 02 Cockpit door.
  - 03 Overhead bins
  - 04 Structural composites.
  - 05 Monuments: closet/wardrobes, galleys, lavatories, 9G bulkheads, class dividers.
  - 06 PSUs (Passenger Service Units).
  - 07 Floor boards.
  - 08 Window reveals.
  - 09 Ceiling panels.
  - 10 Sidewalls.
  - 11 Baggage compartment liners.
  - 12 Insulation.
- Layout of aircraft cabins including VIP configuration.  
Retrofit.

### ZODIAC GALLEYS & EQUIPMENT

#### CABIN EQUIPMENT SOLUTIONS FOR OPTIMIZATION OF ONBOARD SERVICE AND PASSENGER COMFORT

- 13 Galleys.
- 14 Monuments: stowages, closet, doghouse.
- 15 Inserts: ovens, chillers, water boilers, trash compactors.
- 16 Trolleys.
- 17 Cargo containers and equipment.
- 18 Crew rest area.

### ZODIAC SEATS

#### A COMPLETE, INNOVATIVE RANGE OF SEATS FOR MORE COMFORT AND OPTIMIZATION

- 19 First Class passenger seats.
  - 20 Business Class passenger seats.
  - 21 Economy Class passenger seats.
  - 22 Pilot and crew seats.
- "Airbag" cushions.

### ZODIAC AIRCRAFT SYSTEMS

#### HIGH-TECHNOLOGY EQUIPMENT AND SYSTEMS THAT PROVIDE ESSENTIAL AIRCRAFT FUNCTIONS

- 23 Flight deck control panel solutions and cockpit lighting: overhead panel, keyboards, toggle, push buttons, light indicators.
  - 24 Cabin lighting.
  - 25 External lights.
  - 26 Windshield wipers.
  - 27 OBOGS (On Board Oxygen Generating System).
  - 28 PSU (Passenger Servicing Units) and masks.
  - 29 POCA (Portable Oxygen Cylinder Assembly).
  - 30 Crew and pilot masks, stowage box.
  - 31 Power management and distribution systems.
  - 32 Power generators and converters.
  - 33 Electric motors, servo-actuators, position and measuring sensors.
  - 34 Fuel gauging systems.
  - 35 Fuel inerting systems, OBIGGS (On Board Inert Gas Generating System).
  - 36 Pumps, valves, pipes, ducts, nano ball joints for fuel systems.
  - 37 Servovalves, valves, hydraulic cylinders.
  - 38 Couplings, valves for fluid management.
  - 39 Air conditioning systems.
  - 40 Monitoring units, indicators and measurement sensors (flowmetering, density, temperature).
  - 41 De-icing systems.
  - 42 Flight Management System.
  - 43 IFE (In-Flight Entertainment).
  - 44 Connectivity and onboard communication systems for IFE: in-flight Internet access, GSM telephony technology.
  - 45 Seat actuators.
  - 46 Water and waste systems.
  - 47 Onboard telemetry (onboard testing), ground and airborne telemetry.
- Ground and air-to-air refueling systems.

### ZODIAC AEROSAFETY

#### COMPLETE SYSTEMS FOR ENHANCED SAFETY

- 48 Evacuation slides.
  - 49 Life jackets, life rafts.
  - 50 Escape rope.
  - 51 Electrical interconnect systems: sleeves, wiring protection, electrical harnesses.
  - 52 Cascade.
  - 53 Tanks.
  - 54 Helicopter emergency floatation devices. Arresting gear and nets, EMAS (Engineered Material Arresting System).
- De-icing systems.  
Ejection seat equipment.  
Anti-G protective suits.  
Parachutes, heavy cargo parachutes.

### ZODIAC AEROSPACE SERVICES

#### A GLOBAL NETWORK AFTER-SALES SERVICE

- Four divisions to provide the airlines with the best performance of services:
- **Spares Supply:** supplies of spare parts, equipment and associated logistics.
  - **Component Repair:** equipment repairing.
  - **Operator Programs:** global offers for specific needs and retrofit.
  - **Product Support:** technical support and training from the airlines.

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