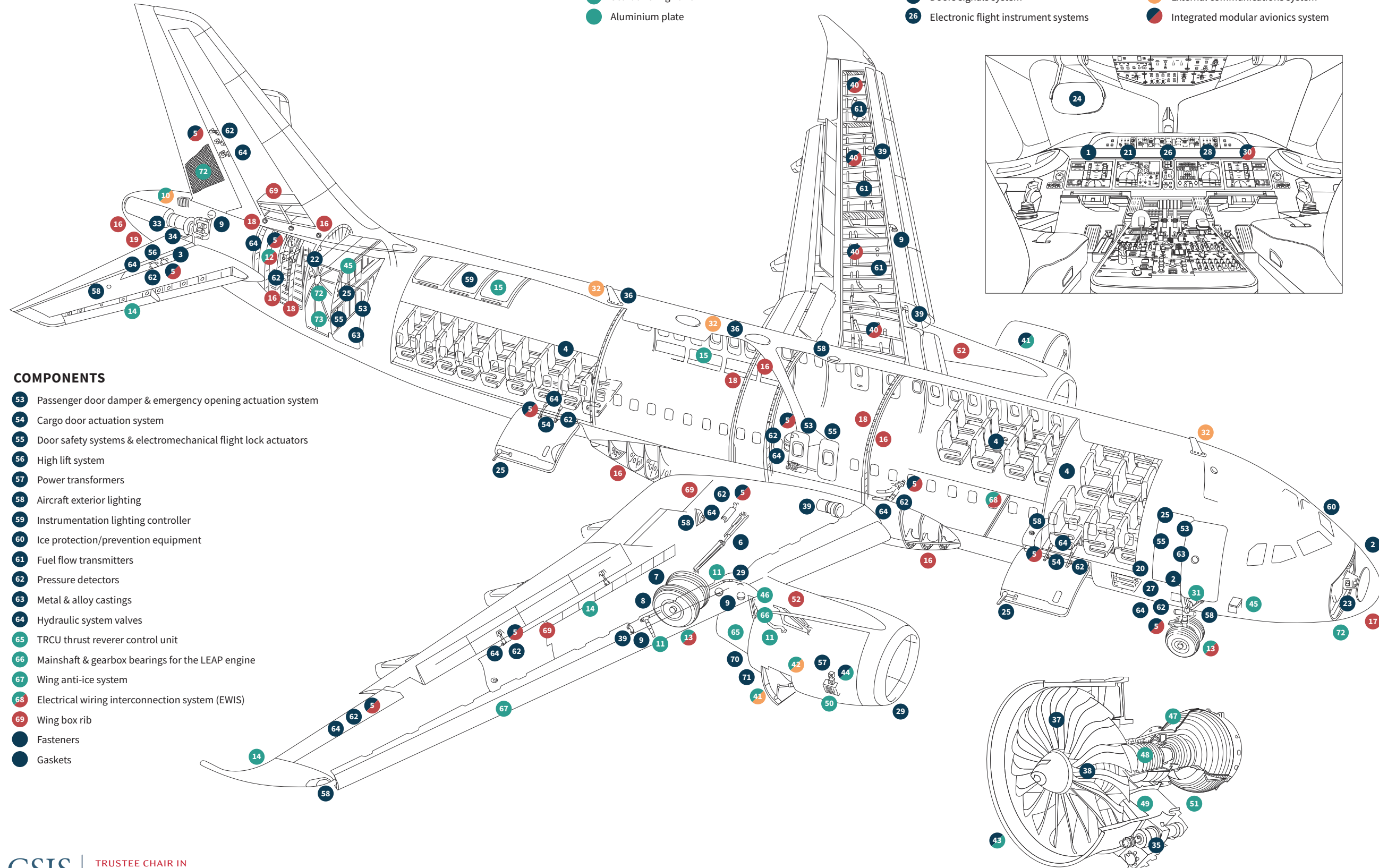


# C919 MAJOR SUPPLIERS

- United States
- Europe
- Asia Pacific
- China



## MATERIALS

- 70 Carbon-reinforced composites
- 71 Titanium aluminide alloy for LEAP engine
- 72 Prepregs
- 73 Foam core composites
- Adhesive tape
- Self-adhering films
- Aluminium plate

## AVIONICS

- 20 Deos real-time operating system
- 21 Cockpit control systems
- 22 Flight recorders
- 23 Weather mapping radar
- 24 Enhanced vision systems (EVS)
- 25 Doors signals system
- 26 Electronic flight instrument systems
- 27 Air data systems
- 28 LASEREF VI inertial reference system
- 29 Ice detectors
- 30 Cockpit control panel assemblies
- 31 External & taxi aid camera system (ETACS)
- 32 External communications system
- Integrated modular avionics system

## AIRFRAME

- 1 Pilot Controls
- 2 Fly-by-wire flight control system
- 3 Fly-by-wire flight control actuation system
- 4 Cabin management systems
- 5 Hydraulic systems & equipment
- 6 Brake control system
- 7 Aircraft wheels, tires, & carbon brakes
- 8 Air X radial tires
- 9 Fire fighting/detection systems
- 10 Exhaust systems
- 11 Bleed air systems
- 12 Composite horizontal tail plane
- 13 Landing gear
- 14 Wing spoilers and winglets
- 15 Aircraft interiors
- 16 Empennages, rear fuselage & APU door
- 17 Nose cones
- 18 Forward & aft fuselage barrels
- 19 APU door assembly
- Cabin address systems
- Aircraft security equipment
- Wing components

## COMPONENTS

- 53 Passenger door damper & emergency opening actuation system
- 54 Cargo door actuation system
- 55 Door safety systems & electromechanical flight lock actuators
- 56 High lift system
- 57 Power transformers
- 58 Aircraft exterior lighting
- 59 Instrumentation lighting controller
- 60 Ice protection/prevention equipment
- 61 Fuel flow transmitters
- 62 Pressure detectors
- 63 Metal & alloy castings
- 64 Hydraulic system valves
- 65 TRCU thrust reverser control unit
- 66 Mainshaft & gearbox bearings for the LEAP engine
- 67 Wing anti-ice system
- 68 Electrical wiring interconnection system (EWIS)
- 69 Wing box rib
- Fasteners
- Gaskets

## POWER SYSTEMS

- 33 Auxiliary power units
- 34 Emergency generators
- 35 Starter generators
- 36 Cable assemblies
- 37 Composite fan blades for the engine
- 38 Closed die forged & seamless ring rotating components for the engine
- 39 Fuel tanks & systems
- 40 Fuel inerting systems
- 41 Nacelle's inlet, fan cowls, inner fixed structure and engine mounts
- 42 Nacelle and thrust reversers
- 43 LEAP-1C engine
- 44 Full authority digital engine controls (FADEC)
- 45 Nickel-cadmium batteries
- 46 Engine harnesses
- 47 Low pressure turbine stator stages, disc & casing for the engine
- 48 Titanium-aluminium blades for the engine
- 49 Fuel oil heat exchangers for LEAP engine
- 50 Engine interface control unit
- 51 O-duct thrust reverser
- 52 Engine pylons