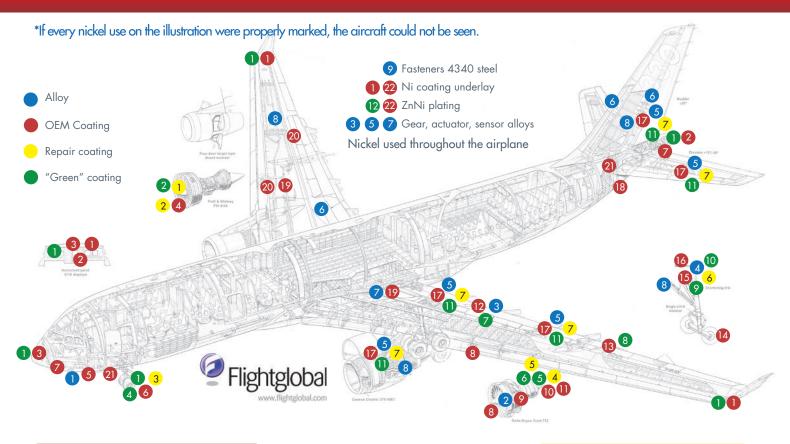


Aerospace Nickel Coatings & Alloys



OEM Coating

- Ni plate under Cd on Al electrical connectors throughout – thousands
- 2. Electroless Ni-PTFE and ZnNi replacing Cd on connectors
- 3. Ni plate under gold plate on all connector pins thousands
- 4. Ni anti-seize on threads
- 5. Ni alloy or Ni plated pitot tube
- 6. ZnNi plating for corrosion protection
- 7. Ni plated Cu wiring for corrosion protection
- 8. Electroless Ni on bearings for wear
- 9. NiCrAlY on turbine blades to bond TBC
- Electroless Ni and electroplated Ni on critical rotating parts and shafts for wear and corrosion
- 11. Replate for repair
- 12. ZnNi on bearings for corrosion
- 13. EN for wear and corrosion hundreds
- 14. Ni plated brake disks
- 15. Electroless Ni for pin internals
- 16. ZnNi plate replacing Cd on externals
- 17. Electroless Ni internal coatings
- Ni plating on Aluminum on Flight recorder "Black box"

- 19. Electroless Ni on Hydraulic pumps, valves
- 20. Electroless Ni on Gears and bearings
- 21. Ni plated Al on avionics boxes, dozens
- 22. ZnNi plated fasteners

"Green" Coating

- Electroless Ni-PTFE and ZnNi replacing Cd on connectors
- 2. Stainless steel thermal spray
- 3. ZnNi plating for corrosion protection
- 4. ZnNi plating for repair
- Electroless Ni and electroplated Ni on critical rotating parts and shafts for wear and corrosion
- 6. Replate for repair
- 7. ZnNi on bearings for corrosion
- 8. EN for wear and corrosion hundreds Electroless Ni for pin internals
- 9. ZnNi plate replacing Cd on externals
- 10. Electroless Ni internal coatings
- 11. ZnNi plated fasteners

Repair Coating

- 1. Stainless steel thermal spray
- 2. Ni anti-seize on threads
- 3. ZnNi plating for repair
- 4. Electroless Ni and electroplated Ni on critical rotating parts and shafts for wear and corrosion
- 5. Replate for repair
- 6. Sulfamate Ni for landing gear repair
- 7. Rod repair hundreds everywhere

Alloy

- 1. Ni alloy or Ni plated pitot tube
- 2. Engine Ni based superalloys
- 3. Gear steel (9310)
- 4. 300M high strength steel with Ni
- 5. PH Stainless steel actuator rods
- 6. Stainless steel sensors
- 7. Hydraulic pumps, valves
- 8. Stainless steel hydraulic tubing
- 9. Fasteners 4340 steel everywhere