

Revision G dated 8/18/09

AIRCRAFT CERTIFICATION SERVICE CATEGORY PARTS LIST

Note: The Production and Airworthiness Division and the Manufacturing Inspection District Offices use the Category Parts List as one consideration to determine resource allocation. The CPL is a notional tool that has no scientific basis. It was developed for internal use only leading to the frequency of FAA surveillance of new products and parts manufacturing facilities. The CPL was not coordinated with the industry. The industry may or may not agree with the CPL content. The CPL posted on the internet is for information only and if used for other purposes than what is stated above it is solely at the user's risk.

Structural Assemblies	CFR part	Structural Elements	CFR part	Hydraulic Pneumatic Components	CFR part	Propulsion System Components	CFR part	Systems and Equipment	CFR part
Fuselage (23-1), (25-1)	23, 25	Fuselage Structural Elements Pressure Bulkheads (23-1), (25-1) Keel Beam (25-1) Longeron/Stringer (25-2) Floor Beam (25-2) Plates/Skins (25-2) Fuselage to Wing Attach Fittings (25-1) Stabilizer to Fuselage Attach Fittings (25-1) Gear to Fuselage attach Fittings (25-1) Door Hinge (on Fuselage) (25-1) Fuselage Panels (23-1), (25-1)	23, 25	Hydraulic Main Pump (23-1), (25-2), (27-1), (29-1) Main Accumulator (25-2) Main Reservoir (25-2) Auxiliary Pump (25-2)	23, 25, 27, 29	Software Thrust (EEC) (23-1), (25-1)	23, 25	Electrical Power System Alternator/Generator Drive System (23-2),(25-2) AC Generator-Alternator (23-2) (25-2) AC Inverter (23-2) (25-2) Phase Adapter (25-2) AC Regulator (25-2) Fire Protection Smoke Detection (25-2), (27-2), (29-2) Fire Detection (25-2), (27-2), (29-2) Overheat Detection (25-2), (27-2), (29-2) Extinguishing System (25-2), (27-2), (29-2) Fire Bottle-Fixed (25-2), (27-2), (29-2)	23, 25, 27, 29
Flight Control Surfaces Ailerons (23-1), (25-1) Rudder (23-1), (25-1) TE Flaps (23-1), (25-2) LE Devices (25-2) Elevator (23-1), (25-1) Spoilers (25-2)	23, 25	Flight Control Structural Elements Aileron Tabs (25-2) Jackscrew (23-1), (25-1) Bellcranks (23-1), (25-1) Flight Control Cables (23-1), (25-1)	23, 25	Flight Control Servo Actuators (25-2), (27-1), (29-1) Flap Actuator (25-2) Rudder Actuator (25-2) Stabilizer Actuator (25-2)	25, 27, 29	Thrust Reversers (23-1), (25-2) Auxiliary Power Units (23-1) FADEC (23-1)	23, 25	Fuel System Boost Pumps (23-1), (25-2), Transfer Valves (23-1), (25-2) Fuel S.O.V. (23-1), (25-1) Digital Fuel Flow System (23-2) (25-2) Fuel Dump (25-2) Fuel Hose (Single engine applications ONLY) (23-2) (27-2), (29-2) Fuel Quantity Indicator (23-2) (25-2), (27-2), (29-2) Fuel Flow Indicating (27-2), (29-2) (23-2) Fuel Pressure Indicating (27-2), (29-2) (23-2) Fuel Pump (25-2), (27-1), (29-1) Engine Lubrication System Oil Cooler (Single engine applications ONLY) (23-2) (27-2), (29-2)	23, 25, 27, 29

Structural Assemblies	CFR part	Structural Elements	CFR part	Hydraulic Pneumatic Components	CFR part	Propulsion System Components	CFR part	Systems and Equipment	CFR part
								Engine Liquid Cooling System Radiators, Coolant Pumps, Water Hoses and Head Gasket (Single engine applications ONLY) (23-2) (27-2), (29-2) Crew Oxygen System (27-2), (29-2) Indicating System Warning, Caution, and Advisory Lights (27-2), (29-2), Main Rotor Indicating System (27-2), (29-2) Engine Power (27-2), (29-2) Engine Temperature (27-2), (29-2)	
Empennage Horizontal Stabilizers (23-1), (25-1) Elevators (23-1), (25-1) Vertical Stabilizers (23-1), (25-1) Rudder (23-1), (25-1)	23, 25	Empennage Structural Elements Horizontal Stabilizer Spars/Ribs (23-2) (25-2) Plates/Skins (23-2) (25-2) Tab Structure (23-2) (25-2) Attach Fitting (23-2) (25-2) Empennage Structural Elements Elevator Spars/Ribs (23-2) (25-2) Plates/Skins (23-2) (25-2) Tab Structure (23-2) (25-2) Attach Fitting Elevator Tab (23-2) (25-2) Empennage Structural Elements Vertical Stabilizer Spars/Ribs (23-2) (25-2) Plates/Skins (23-2) (25-2) Attach Fitting (23-2) (25-2) Ventral Structure (23-2) (25-2) Empennage Structural Elements Horizontal Stabilizer Spars/Ribs (23-2) (25-2) Plates/Skins (23-2) (25-2) Tab Structure (23-2) (25-2) Attach Fitting (23-2) (25-2)	23,25	Control Valves (23-2), (25-2) Shut Off Valves (23-2), (25-2) Rudder Power Control Units (23-1), (25-2) Rudder Power Control Unit (Boeing 737) (25-1)	23, 25	Engine Cowling Systems Inlets(23-1), (25-2) Nacelles (23-1), (25-2) Fairings (23-1), (25-2)	23, 25	Brake System and Assembly Components Brakes(23-1), (25-1) Anti-Skid Valves (23-2), (25-2) Wheel Assemblies (23-1) (25-2) Tire Casing (25-2) Tire Tube (25-2) Anti Skid Section (25-2) Master Cylinder/Brake Valve (25-1)	23, 25
Wing Structure (23-1), (25-1)	23, 25	Wing Structure Structural Elements	23, 25			Airborne Software Controlled Equipment	23, 25, 33	NOTAR (High Speed Fan) (27-1), (29-1)	27, 29

Structural Assemblies	CFR part	Structural Elements	CFR part	Hydraulic Pneumatic Components	CFR part	Propulsion System Components	CFR part	Systems and Equipment	CFR part
		Panels (23-1), (25-2) Wing Webs (23-1), (25-2) Spars (23-1), (25-1) Ribs/Bulkheads (23-2) (25-2) Longeron/Stringers (25-2) Center Wing Box (25-1) Auxilliary Structure (25-2) Wing Attach Fitting (25-1) NAC/Pylon Wing Fitting (23-1), (25-1) Blended Winglet (25-2)				Software Level A (per RTCA/DO 178B), (23-1) (25-1), (33-1) Software Levels B, or C (per RTCA/DO 178B) (23-2) (25-2), (33-2)		Automatic Flight Control Systems/Stability Augmentation Systems Flight Control Computers (27-1), (29-2) Servo/Linear Actuators (27-1), (29-1) Electrical Power Systems AC Generator (27-2), (29-2) AC Inverters (27-2), (29-2) Battery (27-2), (29-2) Starter Generator (27-2), (29-2)	
Main Rotor Hubs (27-1), (29-1) Trunnions (27-1), (29-1) Yokes (27-1), (29-1) Spindles (27-1), (29-1) Grips (27-1), (29-1) Pitch Horns (27-1), (29-1) Drag Braces (27-1), (29-1) Blades (27-1), (29-1) Blade Spars (27-1), (29-1) Damper Hubs (27-1), (29-1) Retention Pins/Straps/Bolts (27-1), (29-1) Tension-Torsion Straps (27-1), (29-1) Strap Packs (27-1), (29-1) Pillow Blocks (27-1), (29-1) Droop Restraint Bolts (27-1), (29-1) Elastomeric Dampers (27-1), (29-1) Bearings (27-1), (29-1) Bushings (27-1), (29-1)	27, 29	Main Rotor Control Swashplates (27-1), (29-1) Swashplate Drives (27-1), (29-1) Anti-Drives (27-1), (29-1) Anti- Links (27-1), (29-1) Pitch Change Links (27-1), (29-1) Drive Links (27-1), (29-1) Drive-Levers (27-1), (29-1) Gimbal Stabilizer Bars (27-1), (29-1) Mixing Levers (27-1), (29-1) Collective Sleeves (27-1), (29-1) Cyclic & Collective Control Sticks (27-1), (29-1) Actuator Supports (27-1), (29-1) Control System Tubes/Bolts/Pins (27-1), (29-1)	27, 29			Propellers (Hubs (35-1), Blades (35-1) Blade Retention Devices (35-1) Counter Weights (35-1) Pitch Control Systems Including PCU (35-1) Governors (35-1) Actuators (35-1) PCU Mechanisms (35-1) Propeller Electronic Controls (35-1), and Propeller Valve Modules (35-1)	35	Drive Systems Masts (27-1), (29-1) Gear Boxes (27-1), (29-1) Driveshafts (27-1), (29-1) Bearings (27-1), (29-1) Hanger Bearings (27-1), (29-1) Clutches (27-1), (29-1) Couplings (27-1), (29-1) Transmissions Cases (27-1), (29-1) Gears (27-1), (29-1) Clutches (27-1), (29-1) Oil Pumps (27-1), (29-1) Bearings (27-1), (29-1)	27, 29
Nose Section (23-1), (25-1) Radomes (23-2), (25-2)	23, 25	Fuel Tank Structure Fuel Cell (23-1), (25-1), (27-1), (29-1)	23, 25, 27, 29			Drive Belts (27-1), (29-1)	27, 29	Stall Warning (23-2), (25-2)	23, 25
Nacelles/Pylons Doors (23-1), (25-1) Passenger Crew Doors (25-1) Emergency Exit Door (25-2) Landing Gear Doors (25-2) Cargo Baggage Door (25-2)	23, 25	Nacelles/Pylons Structural Elements Attachment Fittings (25-1), (27-1), (29-1) Bulkhead/Firewalls (Nac/Pylon) (23-2) (25-2),	23, 25, 27, 29			Gas Turbine Engines- Engine Rotors Fan Blades (33-1), Disks (33-1), Blisks (33-1), Impellers (33-1), Spools (Drum Rotors) (33-1),	33	Anti-Ice System Pitot/Static Anti-Ice (23-2) (25-2) Air Foil Anti Ice/Deice (23-2) (25-2), (27-2), (29-2) Window/Windshield & Doors	(23-2) 25, 27, 29

Structural Assemblies	CFR part	Structural Elements	CFR part	Hydraulic Pneumatic Components	CFR part	Propulsion System Components	CFR part	Systems and Equipment	CFR part
		Longerons/Stringers (Nac/Pylon) (25-2) Plates/Skins (Nac/Pylon) (25-2) Attach Fittings (Nac/Pylon) (23-2) (25-1), (27-1), (29-1) Engine Struts (23-1), (25-1), (27-1), (29-1) Engine Mounts (23-1), (25-1), (27-1), (29-1) Pylon Lift/Link Assemblies (27-1), (29-1)				Thermal Shields for cooling of main rotors (33-1), Cooling Plates (33-1), Main Rotor Rotating Spacers and Seals (33-1), Main Line Engine Shafts (i.e., low and high pressure rotor shafts, propeller shafts for turboprop applications and power transmission shafts for input to propeller and transmission gearboxes) (33-1), Main Line Engine Bearings (33-2), Rotating Compressor & Turbine Airfoils (33-2), Spinners (33-2) Gas Turbine Engines (Con't) Main Engine Mounts (i.e., redundant designs)(33-1), High Pressure Vessels (i.e. Casting subject to compressor discharge pressure & combustor Pressure) (33-1), Containment Structures (33-1), Primary Structures (i.e. structures that provide support and rigidity of the main engine backbone and for attachment of engine to airframe) (33-1), Main Engine Mounts (i.e., redundant designs) (33-2), Electronic Engine Controls/Full Authority Digital Electronic Controls (33-2), Gas Path (Static & Variable Nozzle Guide Vanes) (33-2), Control System Actuators (33-2), Combustion Liners (33-2), Fuel Nozzles (33-2)	33	(23-2) (25-2) Antenna/Radome Anti Ice (25-2) Intake Anti-Ice/Deice (27-2), (23-2) (29-2)	
Flight Control Mechanisms (23-1), (25-1)	23, 25	Lift/Compression Struts (23-1) Flying Wires (23-1) Floats (23-1), Skis (23-1) Tail Wheels (23-1)	23			Reciprocating Engines Crankshafts (33-1) Connecting Rods Assembly (33-1) Connecting Rod Bearings (33-1) Pistons (33-1) Wrist Pins (33-1) Cylinders (33-1)	33	Airborne Software Systems Software Level A (per RTCA/DO 178B), (23-1) (25-1), (27-1), (29-1) Software Levels B, or C (per RTCA/DO 178B) (23-2) (25-2), (27-2), (29-2) Navigation System Wind Shear Detection	23, 25, 27, 29

Structural Assemblies	CFR part	Structural Elements	CFR part	Hydraulic Pneumatic Components	CFR part	Propulsion System Components	CFR part	Systems and Equipment	CFR part
						Cylinder Heads (33-1) Engine Mounts (33-1) Crankcase (33-2) Crankshaft Bearings (33-2) Valve Train (valves, valve springs, pushrods, camshafts, rocker shaft assembly) (33-2) Fuel Delivery Systems (carburetors, injectors, fuel pumps) (33-2), Valve Train/Accessory Drive Gears (33-2) Electronic Engine Control (EEC)/Full Authority Digital Electronic Controls (33-2)		System (25-2) Ground Proximity System (23-2) (25-2) Air Collision Avoidance (TCAS) (23-2) (25-2) Air Speed Indicator (23-2) (27-2), (29-2) Altimeter (23-2) (27-2), (29-2) Air Data Computer (23-2) (27-2), (29-2) Attitude Gyro and Indication (23-2) (27-2), (29-2) Directional Gyro and Indication (23-2) (27-2), (29-2) Pitot/Static System (23-2) (27-2), (29-2) Localizer/VOR System (23-2) (27-2), (29-2) Glide Slope System (23-2) (27-2), (29-2)	
Tail Rotor and Controls Hubs (27-1), (29-1) Yokes (27-1), (29-1) Trunnions (27-1), (29-1) Blades (27-1), (29-1) Blade Spars (27-1), (29-1) Grips (27-1), (29-1) Pitch Change Links (27-1), (29-1) Pitch Change Bearings (27-1), (29-1) Output/Drive Shafts (27-1), (29-1) Gearsets (27-1), (29-1) Strap Packs (27-1), (29-1) Pedal Linkages (27-1), (29-1) Bellcranks (27-1), Flapping & Lead/Lag Bearings (27-1), (29-1)	27, 29	Balloons Baskets (31-1) Envelopes (31-1)	31			Balloon Burner Systems Burner Units (31-1)	31	Balloon Fuel Systems Fuel Manifolds (31-1)	31
Fuselage (27-1), (29-1) Tail Boom (27-1), (29-1) Tail Boom Struts (27-1), (29-1) Tail Boom Mount Fittings (27-1), (29-1) Vertical Stabilizers (27-1),	27, 29	Main Landing Gear Struts (23-1), (25-1), (27-1), (29-1) Crosstubes (23-1), (25-1), (27-1), (29-1) Drag Links (23-1), (25-2), (27-1), (29-1)	23, 25, 27, 29	Main Landing Gear Components Landing Gear Actuator (23-1), (25-2), (27-1), (29-1) Selector Valve (25-2)	23, 25, 27, 29	Gas Turbine Engines-Static Structures Engine Mounts (i.e. non-redundant designs) (33-1) High Pressure Vessels (Casings Subject to	33	Window-Windshield System Flight Compartment Windows (23-1), (23-2) (25-1) Passenger Compartment	23, 25, 27, 29

Structural Assemblies	CFR part	Structural Elements	CFR part	Hydraulic Pneumatic Components	CFR part	Propulsion System Components	CFR part	Systems and Equipment	CFR part
(29-1) Horizontal Stabilizers (27-1), (29-1) Elevator (27-1), (29-1) Elevator Horn (27-1), (29-1) Skin Assemblies (27-1), (29-1) Bonded Panel Assemblies (27-1), (29-1) Spars (27-1), (29-1)		Fuse Pins (25-2) Attach Section (25-1) Extension and Retract System (25-2) Landing Gear Door Retract Section (25-2) Landing Gear Position and Warning (27-2), (29-2) <u>Nose Landing Gear</u> (23-1), (25-1) Strut/Axle (25-1) Attach Section (25-1) Steering Links (23-1), (25-2), (27-1), (29-1)		Landing Gear Door Actuator (25-2) <u>Nose Landing Gear Components</u> Shimmy Damper (25-2) Steering Unit (25-2)		Compressor Discharge Pressure & Combuster Pressure) (33-1) Containment Structures (33-1) Primary Structures (that provide support and rigidity of the main engine backbone and for attachment of engine to airframe (33-1)		Windows (25-2) Door Windows (23-2) (25-2) <u>VHF Communication System</u> (27-2), (29-2)	

CPL Revision/Review Tracking Log

Revision Level	Date	Reason for Change	Submission Organization	Comments
G	8/18/2009	Addition of EEC/FADEC (33-2)	ANE-180	Current Changes in red on CPL
G	8/18/2009 (Reviewed 2/11/2010)	N/A	ANM-108	Six month review
G	8/18/2009 (Reviewed 8/17/2010)	N/A	ANM-108	Six month review
G	8/18/2009 (Reviewed 2/28/2011)	N/A	ANM-108	Six month review
G	8/18/2009 (Reviewed 8/19/2011)	N/A	ANM-108	Six month review
G	8/18/2009 (Reviewed 2/09/2012)	N/A	ANM-108	Six month review