uss-type beams.

Thin sheet webs of beams.

Wing main ribs and compression members.

Engine mounts.

Fuselage longerons.

Members of the side truss, horizontal truss, or bulkheads.

Main seat support braces and brackets.

Landing gear braces or struts.

Axles.

Wheels.

Parts of the control system such as control columns, pedals, shafts, brackets, or horns.

Repairs involving the substitution of material.

The repair of damaged areas in metal or plywood stressed covering exceeding six inches in any direction.

The splicing of skin sheets.

The repair of three or more adjacent wing or control surface ribs, or the leading edge of wings and control surfaces between adjacent ribs.

The repair of portions of skin sheets by making additional seams.

Repair of fabric covering involving an area greater than that required to repair two adjacent ribs.

Replacement of fabric on fabric-covered parts such as wings, fuselages, stabilizers, and control surfaces.

Repairing, including rebottoming, of removable or integral fuel tanks and oil tanks.

2.POWERPLANT MAJOR REPAIRS. Repairs of the following parts of an engine and repairs of the following types are powerplant major repairs:

Separation or disassembly of a crankcase or crankshaft of a reciprocating engine equipped with an integral supercharger.

Separation or disassembly of a crankcase or crankshaft of a reciprocating engine equipped with other than spur type propeller reduction gearing.

Special repairs to structural engine parts by welding, plating, metalizing, or other methods.

3.PROPELLER MAJOR REPAIRS. Repairs of the following types to a propeller are propeller major repairs:

Any repairs to, or straightening of, steel blades.

Repairing or machining of steel hubs.

Shortening of blades.

Repair of propeller governors.

Overhaul of controllable pitch propellers.

Repairs to deep dents, cuts, scars, nicks, etc., and straightening of aluminum blades.

The repair or replacement of internal elements of blades.

Repairs to composition blades.

4.APPLIANCE MAJOR REPAIRS. Repairs of the following types to appliances are appliance major repairs:

Calibration and repair of instruments.

Calibration of radio equipment.

Rewinding the field coil of an electrical accessory.

Complete disassembly of complex hydraulic power valves.

Overhaul of pressure type carburetors, and pressure type fuel, oil, and hydraulic pumps.

MINIMUM EQUIPMENT LIST (MEL) means a regulatory authorization to continue to operate an aircraft with inoperable instruments or equipment. The aircraft may be operated under all applicable conditions and limitations contained in the minimum equipment list.

MINOR MODIFICATION means a modification that (1) will not affect the quality of airworthiness, or (2) can be done in accordance with accepted practices, or can be done by elementary operations. Normally, a minor modification is a modification other than a major modification.

MINOR REPAIR means a repair that (1) will not affect the quality of airworthiness, or (2) can be done in accordance with accepted practices, or can be done by elementary operations. Normally, a minor repair is a repair other than a major repair.

MODIFICATION means a change or series of changes in a completed system to adapt it to another use, correct deficiencies, increase reliability, or improve its effectiveness.

NON-AIRWORTHINESS ITEMS. These are items other than inoperative instruments or equipment which do not affect the airworthiness of the aircraft.

ON CONDITION ITEM (OC)

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