Dash 8-100 Tasks  
DHC8-100\_out\_of\_phase\_tasks.json  
[

{

"TaskID": "2150/07",

"ATA": "21-AIR CONDITIONING",

"Description": "Visually inspect Heat Exchanger core and clean as necessary",

"Part\_No": "778683-2",

"Task": "Service",

"Interval": "At ACM removal"

},

{

"TaskID": "2370/02",

"ATA": "23-COMMUNICATIONS",

"Description": "CVR to verify acceptable recording quality on all four channels (Analog CVR's only)",

"Part\_No": null,

"Task": "Functional Check",

"Interval": "1 Year"

},

{

"TaskID": "2370/04",

"ATA": "23-COMMUNICATIONS",

"Description": "CVR - Underwater Locator Device - Battery Replacement",

"Part\_No": "N15F210B",

"Task": "Restoration",

"Interval": "Expiry Date on Battery or Replacement date for ULD as applicable"

},

{

"TaskID": "2370/05",

"ATA": "23-COMMUNICATIONS",

"Description": "Operational check of CVR under water locating device",

"Part\_No": null,

"Task": "Operation Check",

"Interval": "Battery change"

},

{

"TaskID": "2420/11",

"ATA": "24-ELECTRICAL POWER",

"Description": "AC Generator",

"Part\_No": "31708-00-1A",

"Task": "Restoration",

"Interval": "10,000 Hours"

},

{

"TaskID": "2420/13",

"ATA": "24-ELECTRICAL POWER",

"Description": "Operational check of Relays K4, K5, K6, and K7 (Post Modsum 8Q101917 aircraft)",

"Part\_No": null,

"Task": "Operation check",

"Interval": "12000 Hours"

},

{

"TaskID": "2420/14",

"ATA": "24-ELECTRICAL POWER",

"Description": "Functional Check (pull Test) of the AC Generator Adapter Kit",

"Part\_No": "Adapter kit P/N 31708-510/511",

"Task": "Functional Check",

"Interval": "10,000 Hours or 5 Years"

},

{

"TaskID": "2430/03",

"ATA": "24-ELECTRICAL POWER",

"Description": "Starter Generator (APU location to be Controlled by APU hours)",

"Part\_No": "23088-002B or 23088-002A",

"Task": "Restoration",

"Interval": "1500 Hours"

},

{

"TaskID": "2430/12",

"ATA": "24-ELECTRICAL POWER",

"Description": "Inspection/Function Check of Battery NICAD 40 AH",

"Part\_No": null,

"Task": "Inspection/Function Check",

"Interval": "200 Hours"

},

{

"TaskID": "2430/12",

"ATA": "24-ELECTRICAL POWER",

"Description": "Rotate Battery Lead Acid, between position one and two.",

"Part\_No": null,

"Task": "Rotation and Inspection/Function Check",

"Interval": "250 Hours"

},

{

"TaskID": "2430/13",

"ATA": "24-ELECTRICAL POWER",

"Description": "Inspection/Function Check of Battery LEAD ACID 44 AH",

"Part\_No": null,

"Task": "Inspection/Function Check",

"Interval": "200 Hours"

},

{

"TaskID": "2430/13",

"ATA": "24-ELECTRICAL POWER",

"Description": "Inspection/Function Check of Battery, NICAD 15 AH",

"Part\_No": null,

"Task": "Inspection/Function Check",

"Interval": "200 Hours"

},

{

"TaskID": "2520/04",

"ATA": "25-FURNISHING",

"Description": "Function Check Passenger Flotation Cushions",

"Part\_No": null,

"Task": "Function Check",

"Interval": "10 Years"

},

{

"TaskID": "2550/01",

"ATA": "25-FURNISHING",

"Description": "Visual insp. of Baggage Bulkhead Smoke seal",

"Part\_No": null,

"Task": "Inspection",

"Interval": "Bulkhead Removal"

},

{

"TaskID": "2560/01",

"ATA": "25-FURNISHING",

"Description": "Life Vests Crew, Passenger & Spare",

"Part\_No": "P01723E105W",

"Task": "Restoration",

"Interval": "2 Years"

},

{

"TaskID": "2560/02",

"ATA": "25-FURNISHING",

"Description": "ELT - Battery Replacement 2",

"Part\_No": "C-2020REV A",

"Task": "Replace",

"Interval": "Expiry date on battery"

},

{

"TaskID": "2560/03",

"ATA": "25-FURNISHING",

"Description": "Operational check of Emergency Locator Transmitter 2 Frequency ELT",

"Part\_No": null,

"Task": "Operation",

"Interval": "Battery change"

},

{

"TaskID": "2560/15",

"ATA": "25-FURNISHING",

"Description": "Op Ck. Of 3 Frequency ELT",

"Part\_No": null,

"Task": "Operation",

"Interval": "2 Years"

},

{

"TaskID": "2560/16",

"ATA": "25-FURNISHING",

"Description": "Discard of 3 Frequency ELT Battery",

"Part\_No": null,

"Task": "Discard",

"Interval": "Expiry Date on Battery"

},

{

"TaskID": "2610/01",

"ATA": "26-FIRE PROTECTION",

"Description": "Operational Check. of Sensor Responders using Systron Donor heat test unit or Continuity Check of Fire Bottle Discharge Cartridges",

"Part\_No": "3601-88-1000/390-85",

"Task": "Operation Check",

"Interval": "At component installation then 6C"

},

{

"TaskID": "2620/04",

"ATA": "26-FIRE PROTECTION",

"Description": "Continuity Check of Fire Bottle Discharge Cartridges",

"Part\_No": "13083-25",

"Task": "Functional Check",

"Interval": "1 Year"

},

{

"TaskID": "2620/05",

"ATA": "26-FIRE PROTECTION",

"Description": "Engine Fire Bottle Discharge Cartridges",

"Part\_No": "13083-25",

"Task": "Replace",

"Interval": "4 Years"

},

{

"TaskID": "2620/07 (1)",

"ATA": "26-FIRE PROTECTION",

"Description": "Weight Check of Portable Fire Extinguishers",

"Part\_No": "HAL 035AUH",

"Task": "Weight Check",

"Interval": "1 Year"

},

{

"TaskID": "2620/07 (2)",

"ATA": "26-FIRE PROTECTION",

"Description": "Portable Fire Extinguisher Annual inspection",

"Part\_No": "30H673 100-9750",

"Task": "Inspection",

"Interval": "1 Year"

},

{

"TaskID": "2620/08",

"ATA": "26-FIRE PROTECTION",

"Description": "APU Fire Bottle Discharge Cartridge Continuity Check.",

"Part\_No": "AE13083-25",

"Task": "Continuity Check",

"Interval": "1 Year"

},

{

"TaskID": "2620/09",

"ATA": "26-FIRE PROTECTION",

"Description": "A.P.U. Fire Bottle Discharge Cartridge",

"Part\_No": "AE13083-25",

"Task": "Replace",

"Interval": "4 Years"

},

{

"TaskID": "2620/10",

"ATA": "26-FIRE PROTECTION",

"Description": "Visual Check APU Fire Bottle Press. Gauge",

"Part\_No": null,

"Task": "Inspection",

"Interval": "1 Year"

},

{

"TaskID": "2620/13",

"ATA": "26-FIRE PROTECTION",

"Description": "Weight Check Lavatory Fire Extinguisher",

"Part\_No": "30100022-8",

"Task": "Weight Check",

"Interval": "1 Year"

},

{

"TaskID": "2620/14",

"ATA": "26-FIRE PROTECTION",

"Description": "Engine Fire Bottle Hydrostatic Test.",

"Part\_No": "31000010",

"Task": "Restoration",

"Interval": "5 Years"

},

{

"TaskID": "2620/15",

"ATA": "26-FIRE PROTECTION",

"Description": "A.P.U. Fire Bottle Hydrostatic Test.",

"Part\_No": "30100043",

"Task": "Restoration",

"Interval": "5 Years"

},

{

"TaskID": "2620/16 (1)",

"ATA": "26-FIRE PROTECTION",

"Description": "Hydrostatic test of Portable Fire extinguisher bottles.",

"Part\_No": "30H673 100-9750",

"Task": "Replacement",

"Interval": "12 Years"

},

{

"TaskID": "2620/16 (2)",

"ATA": "26-FIRE PROTECTION",

"Description": "Portable Fire extinguisher bottles 6-year maintenance",

"Part\_No": "30H673 100-9750",

"Task": "Replacement",

"Interval": "6 Years"

},

{

"TaskID": "2720/01",

"ATA": "27-FLIGHT CONTROLS",

"Description": "Ops CHK. of Rudder Actuator Input Links and Spring Strut Motion Detector for correct switch Operation / Indication",

"Part\_No": null,

"Task": "Operation Check",

"Interval": "2 Years"

},

{

"TaskID": "2730/22",

"ATA": "27-FLIGHT CONTROLS",

"Description": "Elevator Stop Bumper (upper)",

"Part\_No": "85520271-003",

"Task": "Discard",

"Interval": "6000 Hours or 3 Years W.O.F."

},

{

"TaskID": "2730/22",

"ATA": "27-FLIGHT CONTROLS",

"Description": "Elevator Stop Bumper (lower)",

"Part\_No": "85520147-105",

"Task": "Discard",

"Interval": "6000 Hours or 3 Years W.O.F."

},

{

"TaskID": "2750/02",

"ATA": "27-FLIGHT CONTROLS",

"Description": "Lube of Flap Primary Torque Tube Splines",

"Part\_No": null,

"Task": "Lubrication",

"Interval": "2C or 9000 Cycles W.O.F."

},

{

"TaskID": "2750/18",

"ATA": "27-FLIGHT CONTROLS",

"Description": "Functional check of Flap Ball-screw Actuators for backlash.",

"Part\_No": "734181D, 734374D, 734374C",

"Task": "Function Check",

"Interval": "3000 Cycles"

},

{

"TaskID": "2760/15",

"ATA": "27-FLIGHT CONTROLS",

"Description": "Restoration of the Flight Spoiler Actuator to replace the housing",

"Part\_No": "A44700-007 or A44700-009 or 1556000-1",

"Task": "Restoration",

"Interval": "50,000 FC"

},

{

"TaskID": "Fuel Pumps",

"ATA": "28-FUEL",

"Description": "Fuel Pumps (Ref SB21087)",

"Part\_No": "5006488D, 5006488E, 5009986E, 5009984A, 5009986",

"Task": "Restoration",

"Interval": "4000 Hours"

},

{

"TaskID": "3010/01",

"ATA": "30-ICE & RAIN PROTECTION",

"Description": "Visual Insp. of Wing Horizontal & Vertical Stabilizer and Engine intake Deicer Boots.",

"Part\_No": null,

"Task": "Inspection",

"Interval": "1 Yr"

},

{

"TaskID": "3010/02",

"ATA": "30-ICE & RAIN PROTECTION",

"Description": "Operational Check of Wing Horizontal & Vertical Stabilizer and Engine intake Deicer Boots.",

"Part\_No": null,

"Task": "Operation",

"Interval": "1 Yr"

},

{

"TaskID": "3010/04",

"ATA": "30-ICE & RAIN PROTECTION",

"Description": "Function Ck. Pressure Regulator Relief Valve Operation",

"Part\_No": null,

"Task": "Function Check",

"Interval": "1 Yr"

},

{

"TaskID": "3010/06",

"ATA": "30-ICE & RAIN PROTECTION",

"Description": "Operational Ck. of Water Separator/Filter bypass Valve (Pre Mod 8/2946)",

"Part\_No": null,

"Task": "Operation",

"Interval": "1 Yr"

},

{

"TaskID": "3010/08",

"ATA": "30-ICE & RAIN PROTECTION",

"Description": "Operation Ck. of Pneumatic Equip. Heating System",

"Part\_No": null,

"Task": "Operation",

"Interval": "1 Yr"

},

{

"TaskID": "3010/10",

"ATA": "30-ICE & RAIN PROTECTION",

"Description": "Function Ck. Elevator Horn Heat Indicator System",

"Part\_No": null,

"Task": "Function Check",

"Interval": "1 Yr"

}

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{

"TaskID": "2130/03",

"Model": "ALL",

"Description": "Functional Check of NORMAL OUTFLOW VALVE pressure relief valve.",

"Interval": "8,500 Hours"

},

{

"TaskID": "2420/03",

"Model": "ALL",

"Description": "Operational Check of EXTERNAL POWER CONTACTORS (2421 K3 & K4)",

"Interval": "1,500 Hours"

},

{

"TaskID": "2420/04",

"Model": "ALL",

"Description": "Operational Check of BUS CONTACTORS (2421 K1& K2)",

"Interval": "1,500 Hours"

},

{

"TaskID": "2420/13",

"Model": "ALL",

"Description": "Operational Check of Relays K4, K5, K6, and K7. (Post Mod sum 8Q101917).",

"Interval": "18,000 FH"

},

{

"TaskID": "2720/01",

"Model": "ALL",

"Description": "Operational Check of RUDDER ACTUATOR INPUT LINKS for freedom of movement, and SPRING STRUT MOTION DETECTOR for correct switch operation/ indication.",

"Interval": "8,600 Hours"

},

{

"TaskID": "2720/05",

"Model": "ALL",

"Description": "Operational Check of RUDDER Push Off Switches.",

"Interval": "1,000 Hours"

},

{

"TaskID": "2730/01",

"Model": "ALL",

"Description": "Operational Check of PITCH DISCONNECT to ensure proper disengagement.",

"Interval": "2,150 Hours"

},

{

"TaskID": "2730/06",

"Model": "ALL",

"Description": "Operational Check of STANDBY ELEVATOR TRIM.",

"Interval": "19,300 Hours"

},

{

"TaskID": "2730/22",

"Model": "ALL",

"Description": "Discard LH and RH Elevator stop bumper, upper and lower.",

"Interval": "6,000 Hours or 3 years, whichever comes first"

},

{

"TaskID": "2750/01",

"Model": "ALL",

"Description": "Operational Check of FLAP SELECT ARMING SWITCH.",

"Interval": "12,000 Hours"

},

{

"TaskID": "2750/11",

"Model": "ALL",

"Description": "Operational Check of TORQUE SENSOR switches. (Pre-Mod sum 8Q310027).",

"Interval": "3,700 Hours"

},

{

"TaskID": "2750/12",

"Model": "ALL",

"Description": "Functional Check of FLAP FRICTION BRAKE.",

"Interval": "33,300 Hours"

},

{

"TaskID": "2760/02",

"Model": "ALL",

"Description": "Operational Check of ROLL SYSTEM DISCONNECT.",

"Interval": "600 Hours"

},

{

"TaskID": "2760/04",

"Model": "ALL",

"Description": "Operational Check of WING SPOILER CLUTCH.",

"Interval": "17,000 Hours"

},

{

"TaskID": "2760/05",

"Model": "ALL",

"Description": "Operational Check of LIFT DUMP VALVE position monitor switches and GROUND SPOILER SELECTOR VALVE position monitor switches (not applicable to Mod 8/1860 or Mod 8/1967).",

"Interval": "1,000 Hours"

},

{

"TaskID": "2760/07",

"Model": "ALL",

"Description": "Operational Check of ROLL SYSTEM DISCONNECT CLUTCH SWITCHES.",

"Interval": "1,000 Hours"

},

{

"TaskID": "2760/08",

"Model": "ALL",

"Description": "Operational Check of LIFT DUMP VALVE position monitor switches (Mod 8/1967 only).",

"Interval": "1,000 Hours"

},

{

"TaskID": "2760/14",

"Model": "ALL",

"Description": "Operational Check of the Spoiler Cable Disconnect System (Mod sum 8Q100898).",

"Interval": "12,000 Hours"

},

{

"TaskID": "2770/01",

"Model": "ALL",

"Description": "Visual Inspection of AILERON GUST LOCK mechanism.",

"Interval": "3,300 Hours"

},

{

"TaskID": "2770/02",

"Model": "ALL",

"Description": "Operational Check of ELEVATOR GUST LOCK.",

"Interval": "3,300 Hours"

},

{

"TaskID": "2810/04",

"Model": "ALL",

"Description": "Functional Check of INWARD/OUTWARD VENT VALVE (Pre-Mod 8/0024).",

"Interval": "52,000 Hours"

},

{

"TaskID": "2810/07",

"Model": "ALL",

"Description": "Drain/Check DRY BAY fluid accumulation (long range fuel tanks with Mod 8/2130 only).",

"Interval": "100 Hours"

},

{

"TaskID": "2820/01",

"Model": "ALL",

"Description": "Operational check of EMERGENCY FUEL SHUTOFF VALVE.",

"Interval": "3,500 Hours"

},

{

"TaskID": "2820/02",

"Model": "ALL",

"Description": "Operational Check of FUEL TRANSFER SYSTEM.",

"Interval": "6,500 Hours"

},

{

"TaskID": "2920/02",

"Model": "ALL",

"Description": "Operational Check of ALTERNATE EXTENSION HYDRAULIC SYSTEM.",

"Interval": "1,000 Hours"

},

{

"TaskID": "2920/03",

"Model": "ALL",

"Description": "Operational Check of PTU SELECTOR VALVE control circuit (Mod 8/0446).",

"Interval": "4,558 Flights"

},

{

"TaskID": "2920/04",

"Model": "ALL",

"Description": "Functional Check of PTU FLOW REGULATOR VALVE.",

"Interval": "10,000 Hours"

},

{

"TaskID": "2920/05",

"Model": "ALL",

"Description": "Operational Check of PTU and PTU OUTPUT CHECK VALVE.",

"Interval": "16,000 Flights"

},

{

"TaskID": "2920/07",

"Model": "ALL",

"Description": "Operational Check of HYDRAULIC SOV in Alternate Rudder Power System. (Mod 8/1983).",

"Interval": "800 Hours"

},

{

"TaskID": "2920/08",

"Model": "ALL",

"Description": "Inspection for leaks in AIR RESERVOIR of Alternate Rudder Power System. (Mod 8/1983).",

"Interval": "5,000 Hours"

},

{

"TaskID": "2920/09",

"Model": "ALL",

"Description": "Operational Check of AIR RESERVOIR CHECK VALVE and HEATER BLANKET in Alternate Rudder Power System. (Mod 8/1983).",

"Interval": "5,000 Hours"

},

{

"TaskID": "2920/10",

"Model": "ALL",

"Description": "Operational Check of the Hydraulic Rudder Isolation System HRIS\" (Mod 8/2781).",

"Interval": "5,526 Hours"

},

{

"TaskID": "3010/04",

"Model": "ALL",

"Description": "Functional Check of PRESSURE REGULATOR.",

"Interval": "22,800 Hours"

},

{

"TaskID": "3010/06",

"Model": "ALL",

"Description": "Operational Check of WATER SEPARATOR/FILTER bypass valve. (Applicable to Pre SB 8 30 28 or Pre-Mod 8/2946 aircraft only).",

"Interval": "2 Years"

},

{

"TaskID": "3010/07",

"Model": "ALL",

"Description": "Operational Check of ISOLATE VALVE.",

"Interval": "1 Year"

},

{

"TaskID": "3010/08",

"Model": "ALL",

"Description": "Operational Check of PNEUMATIC EQUIPMENT HEATING SYSTEM.",

"Interval": "1 Year"

},

{

"TaskID": "3010/09",

"Model": "ALL",

"Description": "Operational Check of MANUAL DEICE SELECTOR.",

"Interval": "1 Year"

},

{

"TaskID": "3010/10",

"Model": "ALL",

"Description": "Functional Check of ELEVATOR HORN HEAT indication system.",

"Interval": "28,682 Hours"

},

{

"TaskID": "3030/01",

"Model": "ALL",

"Description": "Operational Check of STATIC PORT HEATER ELEMENT (Applies to NonCSI 82167 A/C only).",

"Interval": "1,000 Hours"

},

{

"TaskID": "3060/01",

"Model": "ALL",

"Description": "Operational Check of PROPELLER DEICE SYSTEM.",

"Interval": "9,619 Hours"

},

{

"TaskID": "3150/01",

"Model": "ALL",

"Description": "Operational Check of TAKEOFF WARNING SYSTEM.",

"Interval": "2,800 Hours"

},

{

"TaskID": "3150/02",

"Model": "ALL",

"Description": "Operational Check of BETA Warning Horn. Not applicable to aircraft with CR873CH00003 or CR873CH00005 or CR873CH00011 or CR873SO08112 or Modsum 8Q101956 incorporated.",

"Interval": "500 Hours"

},

{

"TaskID": "3210/09",

"Model": "ALL",

"Description": "Discard MLG Electrical Sequence Valve Part Numbers54C54634 1, 54C546343 and 54C54634 5 (Pre-Mod 8/0060).",

"Interval": "15,000 Unit Landings"

},

{

"TaskID": "3220/09",

"Model": "ALL",

"Description": "Discard NLG Electrical Sequence Valve Part Numbers54C54634 1, 54C546343 and 54C54634 5 (Pre-Mod 8/0060).",

"Interval": "15,000 Unit Landings"

},

{

"TaskID": "3230/09",

"Model": "ALL",

"Description": "Operational Check of ALTERNATE EXTENSION SYSTEM.",

"Interval": "6,000 Hours"

},

{

"TaskID": "3240/10",

"Model": "ALL",

"Description": "Functional Check of QUANTITY LIMITING VALVE.",

"Interval": "6,650 Hours"

},

{

"TaskID": "3240/13",

"Model": "ALL",

"Description": "Functional Check of brake system CHECK VALVES (Post Modsum 8Q101320 or 8Y101310).",

"Interval": "40,000 Hours"

},

{

"TaskID": "3250/03",

"Model": "ALL",

"Description": "Operational Check of STEERING MANIFOLD solenoid shutoff valve and mode selector valve.",

"Interval": "12,800 Hours"

},

{

"TaskID": "3250/04",

"Model": "ALL",

"Description": "B.I.T.E./Diagnostic Check of STEERING ELECTRICAL CONTROL SYSTEM.",

"Interval": "12,800 Hours"

},

{

"TaskID": "3260/03",

"Model": "ALL",

"Description": "Operational check of the LANDING GEAR WARNING HORN",

"Interval": "657 Hours"

},

{

"TaskID": "3410/08",

"Model": "ALL",

"Description": "Operational Check of ADC SYSTEM (Self-Test).",

"Interval": "99 Hours"

},

{

"TaskID": "3440/03",

"Model": "ALL",

"Description": "Operational Check of STEEP APPROACH ADAPTOR GPWS (CR834SO08054 only).",

"Interval": "11,058 Hours"

},

{

"TaskID": "6110/08",

"Model": "ALL",

"Description": "Discard Propeller Hub and Blade (from Propeller Models 14SF 15), part numbers: Propeller Hub 794301 2, 802228 1, Propeller Blades SFA13J1 0A",

"Interval": "9,800 Hours"

},

{

"TaskID": "6120/01",

"Model": "ALL",

"Description": "Operational Check of AUXILIARY FEATHERING PUMP.",

"Interval": "1,513 Hours"

},

{

"TaskID": "6120/02",

"Model": "ALL",

"Description": "Operational Check of BETA BACK UP SYSTEM. (Not applicable to aircraft with CR873CH00011 or Modsum 8Q101956 incorporated).",

"Interval": "733 Flights"

},

{

"TaskID": "6120/03",

"Model": "ALL",

"Description": "Operational Check of POWER LEVER SWITCHES 6121 S6 and 6121S7 for AUTOFEATHER SYSTEM",

"Interval": "750 Hours"

},

{

"TaskID": "6120/05",

"Model": "ALL",

"Description": "Operational Check of PROPELLER OVERSPEED GOVERNOR",

"Interval": "1,449 Hours or 2,898 Flights"

},

{

"TaskID": "6120/06",

"Model": "ALL",

"Description": "Continuity check of wires 7611-10009 and 7611-20009 from FEATHER SOLENOID VALVE to UPTRIM CIRCUIT.",

"Interval": "24,998 Flights"

},

{

"TaskID": "6120/08",

"Model": "ALL",

"Description": "Functional Check of Up trim Disable System. (Applicable to aircraft with CR803CH00009 only).",

"Interval": "485 Hours"

},

{

"TaskID": "6120/09",

"Model": "ALL",

"Description": "Functional Check of Up trim Disable System. (Applicable to aircraft with CR803CH00078 only).",

"Interval": "965 Hours"

},

{

"TaskID": "6120/10",

"Model": "ALL",

"Description": "Operational Check of Beta Lockout ground logic. (Applicable to aircraft with CR873CH00011 or Modsum 8Q101956 incorporated).",

"Interval": "500 Hours"

},

{

"TaskID": "7310/03",

"Model": "ALL",

"Description": "Visual Check of HP FUEL PUMP Outlet Filter for contamination. (Pre-Mod 8/0199 and 8/0361).",

"Interval": "500 Hours"

}

]  
  
[

{

"Item": "YOKE ASSEMBLY",

"PartNumber": "10300\_ALL",

"DiscardTime": "60,000 Flights",

"isLifeLimited": true

},

{

"Item": "DRAG STRUT ASSEMBLY",

"PartNumber": "10200\_ALL",

"DiscardTime": "60,000 Flights",

"isLifeLimited": true

},

{

"Item": "SHOCK STRUT ASSEMBLY",

"PartNumber": "10100\_ALL",

"DiscardTime": "60,000 Flights",

"isLifeLimited": true

},

{

"Item": "Piston",

"PartNumber": "10104\_1",

"DiscardTime": "4,560 Flights",

"isLifeLimited": true

},

{

"Item": "Piston",

"PartNumber": "10104\_3",

"DiscardTime": "4,560 Flights",

"isLifeLimited": true

},

{

"Item": "Cylinder",

"PartNumber": "10114 1",

"DiscardTime": "11,310 Flights",

"isLifeLimited": true

},

{

"Item": "Pin, Strut to Yoke",

"PartNumber": "10150\_1",

"DiscardTime": "7,120 Flights",

"isLifeLimited": true

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"Item": "Pin, Strut to Yoke",

"PartNumber": "10150\_3",

"DiscardTime": "4,440 Flights",

"isLifeLimited": true

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"Item": "Pin, Strut to Yoke",

"PartNumber": "10150\_5",

"DiscardTime": "29,080 Flights",

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"Item": "STABILIZER STAY ASSEMBLY",

"PartNumber": "10400 ALL",

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"Item": "DRAG STRUT ASSEMBLY",

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"DiscardTime": "60,000 Flights",

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"Item": "Outer Cylinder 18-inch tires",

"PartNumber": "8814\_1",

"DiscardTime": "1,800 Flights",

"isLifeLimited": true

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"Item": "Outer Cylinder 18-inch tires",

"PartNumber": "8814\_3",

"DiscardTime": "5,130 Flights",

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"DiscardTime": "11,490 Flights",

"isLifeLimited": true

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"Item": "Outer Cylinder 18-inch tires",

"PartNumber": "8814\_7",

"DiscardTime": "60,000 Flights",

"isLifeLimited": true

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"Item": "Outer Cylinder 22-inch tires",

"PartNumber": "8814\_7",

"DiscardTime": "49,400 Flights",

"isLifeLimited": true

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"Item": "NLG Trunnion Plate (LH) (Pre-Mod 8/1061)",

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"DiscardTime": "80,000 Flights",

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"PartNumber": "85312779\_ALL",

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"Item": "NLG Trunnion Cap",

"PartNumber": "85310338 ALL",

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"Item": "LOWER LONGERON (Pre-Mod 8/1593)",

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"Item": "Frames (RH)",

"PartNumber": "85410318 ALL",

"DiscardTime": "98,830 Flights",

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Structural Inspections  
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"Model": "106",

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"Repeat\_Interval": "6327"

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"Repeat\_Interval": "7293"

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"TaskID": "5310/09B",

"Model": "101,102,103",

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"Threshold": "10134",

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"Repeat\_Cut-In": "10134",

"Repeat\_Interval": "9665"

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"Initial\_Interval": "20000",

"Repeat\_Cut-In": "61380",

"Repeat\_Interval": "9620"

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"Repeat\_Interval": "9620"

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"Threshold": "33108",

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"TaskID": "5310/29E",

"Model": "101,102,103",

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"Repeat\_Interval": "37000"

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"Model": "106",

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"Repeat\_Interval": "36240"

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"TaskID": "5310/29F",

"Model": "ALL",

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"TaskID": "5310/29F",

"Model": "ALL",

"DH\_REF": "F30",

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"Repeat\_Interval": "16475"

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"TaskID": "5310/30A",

"Model": "101,102,103",

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"Repeat\_Cut-In": "80000",

"Repeat\_Interval": "10980"

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"Repeat\_Interval": "6230"

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"Model": "101,102,103",

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"Repeat\_Interval": "34460"

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"TaskID": "5310/WA",

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"Model": "106",

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"Threshold": "24000",

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"Repeat\_Cut-In": "24000",

"Repeat\_Interval": "20000"

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"TaskID": "5410/01A",

"Model": "106",

"DH\_REF": "N02",

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"Repeat\_Interval": "6060"

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"Threshold": "24000",

"Initial\_Interval": "-",

"Repeat\_Cut-In": "24000",

"Repeat\_Interval": "20000"

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"TaskID": "5410/02A",

"Model": "106",

"DH\_REF": "N13",

"Threshold": "6816",

"Initial\_Interval": "-",

"Repeat\_Cut-In": "6816",

"Repeat\_Interval": "5680"

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"TaskID": "5410/02B",

"Model": "101,102,103",

"DH\_REF": "N08",

"Threshold": "40000",

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"Repeat\_Interval": "40000"

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"TaskID": "5410/02C",

"Model": "101,102,103",

"DH\_REF": "N07",

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"Initial\_Interval": "40000",

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"Repeat\_Interval": "5198"

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"Repeat\_Interval": "17027"

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"Repeat\_Interval": "2864"

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"Repeat\_Interval": "1122"

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"Initial\_Interval": "40000",

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"Repeat\_Interval": "20000"

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"Repeat\_Interval": "20000"

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"Repeat\_Interval": "20000"

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"Repeat\_Interval": "20000"

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"TaskID": "5440/08A",

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"DH\_REF": "N13",

"Threshold": "20000",

"Initial\_Interval": "-",

"Repeat\_Cut-In": "20000",

"Repeat\_Interval": "20000"

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"DH\_REF": "N13",

"Threshold": "6816",

"Initial\_Interval": "-",

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"Repeat\_Interval": "5680"

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"Model": "ALL",

"DH\_REF": "(B04, B05, B06)",

"Threshold": "5 Years",

"Initial\_Interval": "-",

"Repeat\_Cut-In": "5 Years",

"Repeat\_Interval": "3 Years"

},

{

"TaskID": "5500/01",

"Model": "ALL",

"DH\_REF": "(B04, B05, B06)",

"Threshold": "5 Years",

"Initial\_Interval": "-",

"Repeat\_Cut-In": "5 Years",

"Repeat\_Interval": "2 Years"

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"Threshold": "33000",

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"Repeat\_Cut-In": "33000",

"Repeat\_Interval": "25650"

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"TaskID": "5510/01B",

"Model": "106",

"DH\_REF": "S14.1",

"Threshold": "14000",

"Initial\_Interval": "-",

"Repeat\_Cut-In": "14000",

"Repeat\_Interval": "14000"

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"TaskID": "5510/01C",

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"Threshold": "40000",

"Initial\_Interval": "40000",

"Repeat\_Cut-In": "80000",

"Repeat\_Interval": "14040"

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"Initial\_Interval": "-",

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"Repeat\_Interval": "40000"

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"Initial\_Interval": "-",

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"Repeat\_Interval": "8500"

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"TaskID": "5510/02B",

"Model": "106",

"DH\_REF": "S36",

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"Repeat\_Interval": "12050"

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"Threshold": "40000",

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"Repeat\_Cut-In": "40000",

"Repeat\_Interval": "40000"

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"Repeat\_Interval": "40000"

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"Repeat\_Interval": "27465"

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"TaskID": "5530/02A",

"Model": "101,102,103",

"DH\_REF": "(S08, S09, S10)",

"Threshold": "40000",

"Initial\_Interval": "20000",

"Repeat\_Cut-In": "80000",

"Repeat\_Interval": "10000"

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"TaskID": "5530/02A",

"Model": "106",

"DH\_REF": "(S08, S09, S10)",

"Threshold": "40000",

"Initial\_Interval": "40000",

"Repeat\_Cut-In": "80000",

"Repeat\_Interval": "15250"

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"TaskID": "5530/02B",

"Model": "101,102,103",

"DH\_REF": "(S11, S12, S13)",

"Threshold": "40000",

"Initial\_Interval": "40000",

"Repeat\_Cut-In": "80000",

"Repeat\_Interval": "16400"

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"TaskID": "5530/02B",

"Model": "106",

"DH\_REF": "(S11, S12, S13)",

"Threshold": "40000",

"Initial\_Interval": "40000",

"Repeat\_Cut-In": "80000",

"Repeat\_Interval": "6705"

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"TaskID": "5530/11A",

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"TaskID": "5540/01A",

"Model": "101,102,103",

"DH\_REF": "(S24, S25)",

"Threshold": "40000",

"Initial\_Interval": "40000",

"Repeat\_Cut-In": "80000",

"Repeat\_Interval": "20200"

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"TaskID": "5540/01A",

"Model": "106",

"DH\_REF": "(S24, S25)",

"Threshold": "40000",

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"Repeat\_Interval": "19000"

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"TaskID": "5550/01A",

"Model": "101,102,103",

"DH\_REF": "(S01 SO2, S03, S04)",

"Threshold": "40000",

"Initial\_Interval": "40000",

"Repeat\_Cut-In": "80000",

"Repeat\_Interval": "15570"

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{

"TaskID": "5550/01A",

"Model": "106",

"DH\_REF": "(S01 SO2, S03, S04)",

"Threshold": "40000",

"Initial\_Interval": "40000",

"Repeat\_Cut-In": "80000",

"Repeat\_Interval": "5500"

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"TaskID": "5550/07A",

"Model": "ALL",

"DH\_REF": "(S26, S27, S28, S29)",

"Threshold": "40000",

"Initial\_Interval": "-",

"Repeat\_Cut-In": "40000",

"Repeat\_Interval": "24350"

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{

"TaskID": "5550/09A",

"Model": "101,102,103",

"DH\_REF": "(S16, S17, S18, S19, S20)",

"Threshold": "24240",

"Initial\_Interval": "-",

"Repeat\_Cut-In": "24240",

"Repeat\_Interval": "24240"

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{

"TaskID": "5550/09A",

"Model": "106",

"DH\_REF": "(S16, S17, S18, S19, S20)",

"Threshold": "19000",

"Initial\_Interval": "-",

"Repeat\_Cut-In": "19200",

"Repeat\_Interval": "19200"

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{

"TaskID": "5550/19A",

"Model": "ALL",

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"Threshold": "40000",

"Initial\_Interval": "-",

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"Repeat\_Interval": "40000"

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"TaskID": "5550/19C",

"Model": "ALL",

"DH\_REF": "(S32, S34)",

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"Initial\_Interval": "-",

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"Repeat\_Interval": "40000"

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"TaskID": "5550/19E",

"Model": "ALL",

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"Threshold": "40000",

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"TaskID": "5700/01",

"Model": "ALL",

"DH\_REF": "(B07, B09)",

"Threshold": "5 Years",

"Initial\_Interval": "-",

"Repeat\_Cut-In": "5 Years",

"Repeat\_Interval": "3 Years"

},

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"TaskID": "5710/01C",

"Model": "101,102,103",

"DH\_REF": "(W04, W05)",

"Threshold": "40000",

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"Repeat\_Cut-In": "80000",

"Repeat\_Interval": "20500"

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"DH\_REF": "W04",

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"Initial\_Interval": "-",

"Repeat\_Cut-In": "25153",

"Repeat\_Interval": "25153"

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"Threshold": "40000",

"Initial\_Interval": "40000",

"Repeat\_Cut-In": "80000",

"Repeat\_Interval": "20500"

},

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"TaskID": "5710/01D",

"Model": "106",

"DH\_REF": "W05",

"Threshold": "14715",

"Initial\_Interval": "-",

"Repeat\_Cut-In": "14715",

"Repeat\_Interval": "11193"

},

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"TaskID": "710/05A",

"Model": "ALL",

"DH\_REF": "(W07, W12)",

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"Repeat\_Interval": "40000"

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"TaskID": "5710/08A",

"Model": "101,102,103",

"DH\_REF": "W10",

"Threshold": "40000",

"Initial\_Interval": "40000",

"Repeat\_Cut-In": "8000",

"Repeat\_Interval": "29300"

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"TaskID": "5710/08A",

"Model": "106",

"DH\_REF": "W10",

"Threshold": "34711",

"Initial\_Interval": "-",

"Repeat\_Cut-In": "34711",

"Repeat\_Interval": "23343"

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"TaskID": "5730/01A",

"Model": "101,102,103",

"DH\_REF": "(W01, W02)",

"Threshold": "40000",

"Initial\_Interval": "40000",

"Repeat\_Cut-In": "60500",

"Repeat\_Interval": "5100"

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"TaskID": "5730/01A",

"Model": "106",

"DH\_REF": "(W01, W02)",

"Threshold": "40000",

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"Repeat\_Interval": "14700"

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"Repeat\_Interval": "22000"

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"Model": "ALL",

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"Threshold": "40000",

"Initial\_Interval": "40000",

"Repeat\_Cut-In": "80000",

"Repeat\_Interval": "20000"

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"Model": "101,102,103",

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"Threshold": "40000",

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"Repeat\_Interval": "31500"

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"Threshold": "40000",

"Initial\_Interval": "-",

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"Repeat\_Interval": "40000"

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"TaskID": "5730/09A",

"Model": "101,102,103",

"DH\_REF": "W08",

"Threshold": "38600",

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"Repeat\_Cut-In": "38600",

"Repeat\_Interval": "5233"

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"TaskID": "5730/09A",

"Model": "106",

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"Threshold": "40000",

"Initial\_Interval": "-",

"Repeat\_Cut-In": "40000",

"Repeat\_Interval": "17333"

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"TaskID": "5730/09B",

"Model": "106",

"DH\_REF": "W25",

"Threshold": "10667",

"Initial\_Interval": "-",

"Repeat\_Cut-In": "10667",

"Repeat\_Interval": "8667"

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"Model": "101,102,103",

"DH\_REF": "W09",

"Threshold": "38600",

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"Repeat\_Cut-In": "38600",

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"TaskID": "5730/10A",

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"TaskID": "5730/12A",

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"TaskID": "5730/16B",

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"TaskID": "5740/01A",

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"TaskID": "5740/04A",

"Model": "101,102,103",

"DH\_REF": "(WF05 WF11, WF12, WF13)",

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"Initial\_Interval": "20000",

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"Repeat\_Interval": "13900"

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"TaskID": "5740/04A",

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"TaskID": "5740/04D",

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"Model": "106",

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"Model": "101,102,103",

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"TaskID": "5740/07B",

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"TaskID": "5750/03B",

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"TaskID": "5750/05A",

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"TaskID": "5750/06A",

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"TaskID": "5750/07A",

"Model": "ALL",

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"Threshold": "40000",

"Initial\_Interval": "40000",

"Repeat\_Cut-In": "80000",

"Repeat\_Interval": "21880"

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"TaskID": "5750/07B",

"Model": "ALL",

"DH\_REF": "WF04",

"Threshold": "40000",

"Initial\_Interval": "40000",

"Repeat\_Cut-In": "80000",

"Repeat\_Interval": "250"

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"TaskID": "5750/08A",

"Model": "ALL",

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"Threshold": "40000",

"Initial\_Interval": "40000",

"Repeat\_Cut-In": "80000",

"Repeat\_Interval": "21880"

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"TaskID": "5750/09A",

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"Repeat\_Interval": "20000"

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"Repeat\_Interval": "50"

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"Repeat\_Cut-In": "20000",

"Repeat\_Interval": "20000"

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"TaskID": "5750/10A",

"Model": "106",

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"Repeat\_Interval": "14800"

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"Repeat\_Cut-In": "57064",

"Repeat\_Interval": "14800"

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"DH\_REF": "WF27",

"Threshold": "40000",

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"Repeat\_Interval": "3569"

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"TaskID": "5750/12B",

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"DH\_REF": "WF27.1",

"Threshold": "40000",

"Initial\_Interval": "-",

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"Repeat\_Interval": "40000"

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"TaskID": "5750/12C",

"Model": "ALL",

"DH\_REF": "WF27.2",

"Threshold": "40000",

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"Repeat\_Interval": "3569"

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"Threshold": "40000",

"Initial\_Interval": "-",

"Repeat\_Cut-In": "40000",

"Repeat\_Interval": "6500"

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"TaskID": "5750/14A",

"Model": "106",

"DH\_REF": "WF30",

"Threshold": "40000",

"Initial\_Interval": "40000",

"Repeat\_Cut-In": "80000",

"Repeat\_Interval": "25670"

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DHC8-100\_maintenance\_checks.  
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"Check": "L",

"Intervals": "50 flight hours or 12 Days"

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{

"Check": "A",

"Intervals": "500 flight hours or 6 Months",

"Composition": "A"

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"Composition": "2A, A"

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"Check": "3A",

"Intervals": "1500 flight hours or 18 Months",

"Composition": "3A, A"

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"Intervals": "2000 flight hours or 24 Months",

"Composition": "4A, 2A, A"

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"Intervals": "2500 flight hours or 30 Months",

"Composition": "5A, A"

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"Composition": "6A, 3A, 2A, A"

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"Intervals": "3500 flight hours or 42 Months",

"Composition": "A"

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"Intervals": "4000 flight hours or 48 Months",

"Composition": "4A, 2A, A"

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"Intervals": "4500 flight hours or 54 Months",

"Composition": "9A, 3A, A"

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"Intervals": "5000 hours or 60 Months",

"Composition": "C, 5A, 2A, A"

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"Intervals": "10000 hours or 120 Months",

"Composition": "2C, C, 5A, 2A, A"

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"Intervals": "15000 hours or 180 Months",

"Composition": "3C, C, 5A, 2A, A"

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"Check": "4C",

"Intervals": "20000 hours or 180 Months",

"Composition": "4C, 2C, C, 5A, 2A, A"

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"Check": "5C",

"Intervals": "25000 hours or 180 Months",

"Composition": "C, 5A, 2A, A"

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"Check": "6C",

"Intervals": "30000 hours or 240 Months",

"Composition": "6C, 3C, 2C, C, 5A, 2A, A"

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Inspection Intervals Models PW120A/121,  
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{

"TASK DESCRIPTION": "Turbo Machinery Major Refurbishment / Overhaul",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Major Refurbishment / Overhaul",

"INTERVAL": "On-condition 12000 Hrs. Soft Time"

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{

"TASK DESCRIPTION": "RGB",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Major Refurbishment/ Overhaul",

"INTERVAL": "On-condition 12000 Hrs. Soft Time"

},

{

"TASK DESCRIPTION": "HOT SECTION (ENGINE ON ECTM) HP Turbine vanes, shroud segments and blades, combustion chamber & small exit duct.",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Detailed Borescope Insp.",

"INTERVAL": "4000 Hrs Max (Initially) and 1500Hrs since last check or HSI (subsequently)"

},

{

"TASK DESCRIPTION": "HSI (ENGINE ON ECTM) (MM72-03-00)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Detailed Insp.",

"INTERVAL": "Per Borescope insp. results and power assurance check."

},

{

"TASK DESCRIPTION": "Reduction Gearbox Input Pinion (Ref. MM 72-00-00)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Borescope Insp.",

"INTERVAL": "Initial: 3000 Hours Max (TTSN) or (TTSO) Or since input pinion replacement. Subsequent: 600 Hours Max. Or 300 Hours Max. if spalling detected and is within limits"

},

{

"TASK DESCRIPTION": "Propeller Shaft with 30000 FH Total time since new and/or 30000 Total cycles since new.",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Inspect (FACE H) (Ref. 72-10-00)",

"INTERVAL": "Initial: At engine HSI or when propeller is removed, whichever comes first Subsequent: At engine HSI or when propeller is removed whichever comes first and not to exceed module/ engine approved (industry) TBO"

},

{

"TASK DESCRIPTION": "Low Pressure Impellers (Ref. MM 72-00-00)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Visual or Borescope Insp.",

"INTERVAL": "1500 Hours or Max. 365 Days (1Year)"

},

{

"TASK DESCRIPTION": "HP Turbine Blades (Post - SB20970/21059 or SB21092)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Discard",

"INTERVAL": "15000 Engine Cycles."

},

{

"TASK DESCRIPTION": "HP Turbine Blades (Post SB21836)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Discard",

"INTERVAL": "7500 Engine Cycles."

},

{

"TASK DESCRIPTION": "LP Turbine Blades (Ref. PW 100 CIR Manual)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Creep Inspection",

"INTERVAL": "At engine shop visit when the LPT disk is accessible and the LPT blade is 4000hrs TTSN or more"

},

{

"TASK DESCRIPTION": "First-Stage Power Turbine Blades (Post-SB21419)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Discard",

"INTERVAL": "20000 FH TSN"

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{

"TASK DESCRIPTION": "RGB and front, rear inlet case",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Visual Insp.",

"INTERVAL": "500 Hours / A Ck. Or Max. 365 Days (1Yr)"

},

{

"TASK DESCRIPTION": "Fuel heater coating (Pre-SB 20989)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Visual Insp.",

"INTERVAL": "500 Hours / A Ck. Max.1Yr."

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{

"TASK DESCRIPTION": "HMU, fuel/oil lines",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Visual Insp.",

"INTERVAL": "500 Hours / A Ck. Max. 1Yr."

},

{

"TASK DESCRIPTION": "Diffuser exit ducts and air bleed lines",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Visual Insp.",

"INTERVAL": "500 Hrs / A Ck. Max. 365 Days (1Yr)"

},

{

"TASK DESCRIPTION": "Electrical and ignition cables",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Visual Insp.",

"INTERVAL": "500 Hrs / A Ck. Max. 365 Days (1Yr)"

},

{

"TASK DESCRIPTION": "Auto Feather / Up trim Test",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Operation Check",

"INTERVAL": "3 Months"

},

{

"TASK DESCRIPTION": "Overspeed Governor Test",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Operation Check",

"INTERVAL": "6 Months"

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{

"TASK DESCRIPTION": "Oil consumption (non-cleanable)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Monitor",

"INTERVAL": "Overnight Check"

},

{

"TASK DESCRIPTION": "Main oil filter (non-cleanable)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Inspect/clean / bubble point test",

"INTERVAL": "1250 Hours/ 1 year"

},

{

"TASK DESCRIPTION": "Scavenge and Main Oil filters (cleanable)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Inspect/clean / bubble point test",

"INTERVAL": "1250 Hours/ 1 year"

},

{

"TASK DESCRIPTION": "Main & RGB Scavenge Filters",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Patch check and visual insp.",

"INTERVAL": "1250 Hours/ 1 year"

},

{

"TASK DESCRIPTION": "Oil change",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Oil Change",

"INTERVAL": "As required by preservation/de-preservation schedule"

},

{

"TASK DESCRIPTION": "Oil analysis",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Oil Analysis",

"INTERVAL": "As required by preservation/de-preservation schedule"

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{

"TASK DESCRIPTION": "Fuel pump HP Filter (Ref. MM 72-01-40)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Visually inspect/clean/bubble point test.",

"INTERVAL": "2000 Hours Maximum yearly"

},

{

"TASK DESCRIPTION": "Fuel heater LP fuel filter (Ref. MM 72-01-40)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Visually inspect/clean/bubble point test.",

"INTERVAL": "2000 Hours Maximum yearly"

},

{

"TASK DESCRIPTION": "Fuel Nozzles (CMM 3056640)",

"ENGINE MODEL": "All",

"INSP. TYPE": "Overhaul",

"INTERVAL": "1000 Hours or Adjust Frequency as per Sampling Program."

},

{

"TASK DESCRIPTION": "Overspeed Governor Hydraulic Pump Relief Valve (Pre SB 21570)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Bench Check",

"INTERVAL": "4000 FH"

},

{

"TASK DESCRIPTION": "Igniters (Ref. MM 72-01-20)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Detailed insp.",

"INTERVAL": "300 Flight Hours or Max. 365 Days (1Yr)"

},

{

"TASK DESCRIPTION": "Ignition system (Ref. MM 72-01-20)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Operational check",

"INTERVAL": "300 Flight Hours or Max. 365 Days (1Yr)"

},

{

"TASK DESCRIPTION": "Fuel line to flow divider (Post SB 20182)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Detailed Inspection",

"INTERVAL": "4000 Hours Max. (TTSN) or (TTSO) Initial & Subsequent"

},

{

"TASK DESCRIPTION": "No. 6 & 7 bearing pressure, vent and scavenge oil lines",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Detailed Inspection",

"INTERVAL": "4000 Hours Max. (TTSN) or (TTSO) Initial and Subsequent."

},

{

"TASK DESCRIPTION": "Turbine wash",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Wash",

"INTERVAL": "A Ck"

},

{

"TASK DESCRIPTION": "Compressor Wash",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Wash",

"INTERVAL": "A Ck."

},

{

"TASK DESCRIPTION": "Reduction Gearbox Input Pinion (Ref. MM 72-00-00)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Borescope Insp.",

"INTERVAL": "3000 Hours Max (TTSN) or (TTSO) Or since input pinion replacement. Subsequent: 500 Hours / A Ck subsequent Or 300 Hours Max if spalling detected and is within limits"

},

{

"TASK DESCRIPTION": "Fuel Pump Drive gear (Pre PWC SB 20195 only)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Borescope Insp.",

"INTERVAL": "3000 Hours"

},

{

"TASK DESCRIPTION": "Overspeed Governor Hydraulic Pump (Post SB 21570)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Bench Test",

"INTERVAL": "10000FH"

},

{

"TASK DESCRIPTION": "PCU pump",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Bench inspection/check",

"INTERVAL": "10000FH"

},

{

"TASK DESCRIPTION": "Overspeed Governor Hydraulic Pump Relief Valve (Pre SB 21570)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Bench Check",

"INTERVAL": "4000 FH"

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{

"TASK DESCRIPTION": "Overspeed Governor (Post SB21570)",

"ENGINE MODEL": "ALL",

"INSP. TYPE": "Bench Test as per applicable CMM",

"INTERVAL": "10000FH"

},

{

"TASK DESCRIPTION": "Oil consumption",

"ENGINE MODEL": "PW 120A / 121",

"INSP. TYPE": "Monitor Ck.",

"INTERVAL": "Overnight"

},

{

"TASK DESCRIPTION": "Overspeed Governor Hydraulic Pump Relief Valve (Pre SB 21570)",

"ENGINE MODEL": "PW 120A / 121",

"INSP. TYPE": "Bench Check",

"INTERVAL": "3650 Days (10 Years)"

},

{

"TASK DESCRIPTION": "Auto feather/up trim",

"ENGINE MODEL": "PW 120A / 121",

"INSP. TYPE": "OP. Ck",

"INTERVAL": "3 Months"

},

{

"TASK DESCRIPTION": "Overspeed Governor",

"ENGINE MODEL": "PW 120A / 121",

"INSP. TYPE": "OP. Ck",

"INTERVAL": "3 Months"

},

{

"TASK DESCRIPTION": "Igniters",

"ENGINE MODEL": "PW 120A / 121",

"INSP. TYPE": "Detailed Insp.",

"INTERVAL": "300 Hours or Max. 365 Days (1Year)"

},

{

"TASK DESCRIPTION": "Ignition System",

"ENGINE MODEL": "PW 120A / 121",

"INSP. TYPE": "OP. Ck",

"INTERVAL": "300 Hours Max. 365 Days (1Yr)"

},

{

"TASK DESCRIPTION": "RGB and front, rear inlet case",

"ENGINE MODEL": "PW 120A / 121",

"INSP. TYPE": "Visual Insp.",

"INTERVAL": "500 Hours or Max. 365 Days (1Year)"

},

{

"TASK DESCRIPTION": "Oil analysis",

"ENGINE MODEL": "PW 120A / 121",

"INSP. TYPE": "Analysis",

"INTERVAL": "As required by preservation/de-preservation schedule"

},

{

"TASK DESCRIPTION": "Fuel line to flow divider",

"ENGINE MODEL": "PW 120A / 121",

"INSP. TYPE": "Detailed Inspection",

"INTERVAL": "1000 Hours Max. (TTSN) or (TTSO) / Fuel Nozzle Change"

},

{

"TASK DESCRIPTION": "No. 6 & 7 bearing pressure, vent and scavenge oil lines",

"ENGINE MODEL": "PW 120A / 121",

"INSP. TYPE": "Detailed Inspection",

"INTERVAL": "1000 Hours Max. (TTSN) or (TTSO) initial and subsequent."

},

{

"TASK DESCRIPTION": "Overspeed Governor Hydraulic Pump Relief Valve (Pre SB 21570)",

"ENGINE MODEL": "PW 120A / 121",

"INSP. TYPE": "Bench Check",

"INTERVAL": "4000 FH"

}

]  
{

"components": [

{

"name": "Auto Feather Unit (AFU)",

"inspection\_task": "Inspect & recertify as per latest published CMM",

"maintenance\_interval": "TSI/TSN/TSO > 12,000 FH or last inspection date > 8 years, whichever comes first",

"opportunity": [

"At next engine shop visit",

"At next engine overhaul or major refurbishment"

],

"notes": "TSI/TSN/TSO or Inspection Date not recorded"

},

{

"name": "Mechanical Fuel Control Unit (MFCU)",

"inspection\_task": "Inspect & recertify as per latest published CMM",

"maintenance\_interval": "TSI/TSN/TSO > 10,000 FH or last inspection date > 8 years, whichever comes first",

"opportunity": [

"At next engine shop visit",

"At next engine overhaul or major refurbishment"

],

"notes": "TSI/TSN/TSO or Inspection Date not recorded"

},

{

"name": "Fuel Pump",

"inspection\_task": "Inspect splines wear on input shaft and drive gear as per latest published CMM",

"maintenance\_interval": "TSI/TSN/TSO > 7,000 FH or last inspection date > 5 years, whichever comes first",

"opportunity": [

"At next engine shop visit",

"At next engine overhaul or major refurbishment"

],

"notes": "TSI/TSN/TSO or Inspection Date not recorded"

},

{

"name": "NO.1 BEARING",

"part\_number": "All Part Numbers",

"maintenance\_interval": "20,000 FH TSN or 25,000 Cycles CSN, whichever comes first"

},

{

"name": "NO.2 BEARING",

"part\_number": "All Part Numbers",

"maintenance\_interval": "20,000 FH TSN or 25,000 Cycles CSN, whichever comes first"

},

{

"name": "NO.3 BEARING",

"part\_number": "All Part Numbers",

"maintenance\_interval": "20,000 FH TSN or 25,000 Cycles CSN, whichever comes first"

},

{

"name": "NO.4 BEARING",

"part\_number": "3104546-01",

"maintenance\_interval": "9,000 FH TSN"

},

{

"name": "NO.4 BEARING",

"part\_number": "All Part Numbers",

"maintenance\_interval": "20,000 FH TSN or 25,000 Cycles CSN, whichever comes first"

},

{

"name": "NO.5 BEARING",

"part\_number": "All Part Numbers",

"maintenance\_interval": "As per OHM requirement"

},

{

"name": "NO.6 BEARING",

"part\_number": "All Part Numbers",

"maintenance\_interval": "20,000 FH TSN or 25,000 Cycles CSN, whichever comes first"

},

{

"name": "NO.7 BEARING",

"part\_number": "All Part Numbers",

"maintenance\_interval": "20,000 FH TSN or 25,000 Cycles CSN, whichever comes first"

},

{

"name": "NO.10 BEARING",

"part\_number": "3101191-01",

"maintenance\_interval": "8,000 FH TSN"

},

{

"name": "NO.10 BEARING",

"part\_number": "All Part Numbers",

"maintenance\_interval": "20,000 FH TSN or 25,000 Cycles CSN, whichever comes first"

},

{

"name": "NO.29 BEARING & ANGLE DRIVE GEAR (SET)",

"part\_number": "All Part Numbers",

"maintenance\_interval": "As per OHM requirement",

"reference": "SIL PW100-104R3"

},

{

"name": "NO.15 BEARING",

"part\_number": "All Part Numbers",

"maintenance\_interval": "10,000 FH TSN",

"reference": "SIL PW100-168"

},

{

"name": "POWER TURBINE 1ST STAGE BLADES",

"part\_number": "SB 21863 Affected Blades",

"maintenance\_interval": "7,000 FH TSN",

"reference": "SIL PW100-151R3"

},

{

"name": "POWER TURBINE 1ST STAGE BLADES",

"part\_number": "Post-SB21419 / Post-SB21572 (Blades with R1 marking)",

"maintenance\_interval": "9,000 FH TSN",

"reference": "SIL PW100-151R3"

},

{

"name": "POWER TURBINE 1ST STAGE BLADES",

"part\_number": "Post-SB21419",

"maintenance\_interval": "As per EMM 05-20 Table 2",

"reference": "SIL PW100-151R3"

}

]

}  
DHC8-100\_out\_of\_phase\_engine\_tasks.json  
[

{

"TaskID": "3.4.5-1",

"Description": "Igniters (Ref. MM 72-01-20)",

"EngineModel": "PW 120A / 121",

"Task": "Detailed Insp.",

"Interval": "300 Hours or Max. 365 Days (1Yr)",

"isLifeLimited": false

},

{

"TaskID": "3.4.5-2",

"Description": "Ignition System (Ref. MM 72-01-20)",

"EngineModel": "PW 120A / 121",

"Task": "OP. Ck",

"Interval": "300 Hours Max. 365 Days (1Yr)",

"isLifeLimited": false

},

{

"TaskID": "3.4.6-1",

"Description": "RGB and front, rear inlet case",

"EngineModel": "PW 120A / 121",

"Task": "Visual Insp.",

"Interval": "500 Hours or Max. 365 Days (1Yr)",

"isLifeLimited": false

},

{

"TaskID": "3.4.6-2",

"Description": "Fuel heater coating (Pre-SB 20989)",

"EngineModel": "PW 120A / 121",

"Task": "Visual Insp.",

"Interval": "500 Hours or Max. 365 Days (1Yr)",

"isLifeLimited": false

},

{

"TaskID": "3.4.6-3",

"Description": "HMU, fuel/oil lines",

"EngineModel": "PW 120A / 121",

"Task": "Visual Insp.",

"Interval": "500 Hours or Max. 365 Days (1Yr)",

"isLifeLimited": false

},

{

"TaskID": "3.4.6-4",

"Description": "Diffuser exit ducts and air bleed lines",

"EngineModel": "PW 120A / 121",

"Task": "Visual Insp.",

"Interval": "500 Hours or Max. 365 Days (1Yr)",

"isLifeLimited": false

},

{

"TaskID": "3.4.6-5",

"Description": "Electrical and ignition cables",

"EngineModel": "PW 120A / 121",

"Task": "Visual Insp.",

"Interval": "500 Hours or Max. 365 Days (1Yr)",

"isLifeLimited": false

},

{

"TaskID": "3.4.6-6",

"Description": "Turbine",

"EngineModel": "PW 120A / 121",

"Task": "Wash",

"Interval": "500 Hours (A Ck)",

"isLifeLimited": false

},

{

"TaskID": "3.4.6-7",

"Description": "Compressor",

"EngineModel": "PW 120A / 121",

"Task": "Wash",

"Interval": "500 Hours (A Ck)",

"isLifeLimited": false

},

{

"TaskID": "3.4.7-1",

"Description": "Oil analysis",

"EngineModel": "PW 120A / 121",

"Task": "Analysis",

"Interval": "As required by preservation/de-preservation schedule"

},

{

"TaskID": "3.4.7-2",

"Description": "Oil change",

"EngineModel": "PW 120A / 121",

"Task": "Oil Change",

"Interval": "Yearly for engines operated less than 450 hours per year, otherwise N/A"

},

{

"TaskID": "3.4.7-3",

"Description": "Fuel Nozzles (CMM 3056640)",

"EngineModel": "PW 120A / 121",

"Task": "Overhaul",

"Interval": "1000 Hours or Adjust Frequency as per Sampling Program."

},

{

"TaskID": "3.4.7-4",

"Description": "Low Pressure Impellers (Ref. MM 72-00-00)",

"EngineModel": "PW 120A / 121",

"Task": "Visual or Borescope Insp.",

"Interval": "1000 Hours or Max. 365 Days (1Yr)"

},

{

"TaskID": "3.4.8-1",

"Description": "Main oil filter (non-cleanable) (Ref. MM 72-01-50)",

"EngineModel": "PW 120A / 121",

"Task": "Inspect/clean/bubble point test",

"Interval": "1250 Hours/ 1 year",

"isLifeLimited": false

},

{

"TaskID": "3.4.8-2",

"Description": "Scavenge and Main Oil filters (cleanable) (Ref. MM 72-01-50)",

"EngineModel": "PW 120A / 121",

"Task": "Inspect/clean/bubble point test",

"Interval": "1250 Hours/ 1 year",

"isLifeLimited": false

},

{

"TaskID": "3.4.8-3",

"Description": "Main & RGB Scavenge Filters",

"EngineModel": "PW 120A / 121",

"Task": "Patch check and visual insp.",

"Interval": "1250 Hours/ 1 year",

"isLifeLimited": false

},

{

"TaskID": "3.4.9-1",

"Description": "Fuel pump HP Filter (Ref. MM 72-01-40)",

"EngineModel": "PW 120A / 121",

"Task": "Visually inspect/clean/bubble point test.",

"Interval": "2000 Hours Maximum yearly",

"isLifeLimited": false

},

{

"TaskID": "3.4.9-2",

"Description": "Fuel heater LP fuel filter (Ref. MM 72-01-40)",

"EngineModel": "PW 120A / 121",

"Task": "Visually inspect/clean/bubble point test.",

"Interval": "2000 Hours Maximum yearly",

"isLifeLimited": false

},

{

"TaskID": "3.4.10-1",

"Description": "Reduction Gearbox Input Pinion (Ref. MM 72-00-00)",

"EngineModel": "PW 120A / 121",

"Task": "Borescope Insp.",

"Interval": "Initial: 3000 Hours Max (TTSN) or (TTSO) Subsequent: 500 Hours / A Ck subsequent Or 300 Hours Max if spalling detected and is within limits",

"isLifeLimited": false

},

{

"TaskID": "3.4.10-2",

"Description": "Fuel Pump Drive gear (Pre PWC SB 20195 only)",

"EngineModel": "PW 120A / 121",

"Task": "Borescope Insp.",

"Interval": "3000 Hours",

"isLifeLimited": false

},

{

"TaskID": "3.4.11-1",

"Description": "ENGINE ON ECTM (Ref MM 72-00-00) HP Turbine vanes, shroud segments and blades, combustion chamber & small exit duct.",

"EngineModel": "PW 120A / 121",

"Task": "Detailed Borescope Insp.",

"Interval": "4000 Hours Max (Initially) and 1000Hrs/A2 Ck since last check or HSI (subsequent)",

"isLifeLimited": false

},

{

"TaskID": "3.4.11-2",

"Description": "HSI (Ref. MM 72-03-00)",

"EngineModel": "PW 120A / 121",

"Task": "Detailed Insp.",

"Interval": "Per Borescope insp. results and power assurance check.",

"isLifeLimited": false

},

{

"TaskID": "3.4.11-3",

"Description": "Fuel line to flow divider (Post SB 20182)",

"EngineModel": "PW 120A / 121",

"Task": "Detailed Inspection",

"Interval": "4000 Hours Max. (TTSN) or (TTSO) Initial & Subsequent",

"isLifeLimited": false

},

{

"TaskID": "3.4.11-4",

"Description": "No. 6 & 7 bearing pressure, vent and scavenge oil lines",

"EngineModel": "PW 120A / 121",

"Task": "Detailed Inspection",

"Interval": "4000 Hours Max. (TTSN) or (TTSO) initial and subsequent.",

"isLifeLimited": false

},

{

"TaskID": "3.4.12-1",

"Description": "Overspeed Governor Hydraulic Pump (Post SB 21570)",

"EngineModel": "PW 120A / 121",

"Task": "Bench check",

"Interval": "10000 Hours",

"isLifeLimited": false

}

]  
Out of Phase-Check” System Maintenance Program  
[

{

"TASK\_NO": "2150/02",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Drain and replenish AIR CYCLE MACHINE oil.",

"INTERVAL": "500HRS"

},

{

"TASK\_NO": "2150/05",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Clean HEAT EXCHANGER core.",

"INTERVAL": "1000HRS"

},

{

"TASK\_NO": "2620/04",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Continuity check of FIRE BOTTLE DETAILS DISCHARGE CARTRIDGES",

"INTERVAL": "1YEAR"

},

{

"TASK\_NO": "2620/07",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Weight check of PORTABLE FIRE EXTINGUSHERS",

"INTERVAL": "1YEAR"

},

{

"TASK\_NO": "2620/08",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Continuity check of APU FIRE DISCHARGE CARTRIDGE",

"INTERVAL": "1YEAR"

},

{

"TASK\_NO": "3350/06",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Operational check of EMERGENCY LIGHTS and EMERGENCY ESCAPE PATH SYSTEM blocking diodes",

"INTERVAL": "1YEAR"

},

{

"TASK\_NO": "3420/04",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Capacity check of standby Attitude Indicator Emerg. POWERSUPPLY UNIT battery.",

"INTERVAL": "1YEAR"

},

{

"TASK\_NO": "3420/05",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Operational check of standby Attitude Indicator EMERG. POWER SUPPLY system.",

"INTERVAL": "1YEAR"

},

{

"TASK\_NO": "3010/01",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Operational check of WING, HORIZONTAL, and VERTICAL STABILIZERS and ENGINE INTAKE DEICER BOOTS.",

"INTERVAL": "1YEAR"

},

{

"TASK\_NO": "3010/02",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Operational check of WING, HORIZONTAL, and VERTICAL STABILIZERS and ENGINE INTAKE DEICER BOOTS.",

"INTERVAL": "1YEAR"

},

{

"TASK\_NO": "3010/04",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Functional check of PRESSURE REGULATOR relief valve operation.",

"INTERVAL": "1YEAR"

},

{

"TASK\_NO": "3010/06",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Operational check of WATER SEPARATOR/FILTER bypass valve. (Applicable to pre SB 8-30-28 or preMod 8/2946 aircraft only).",

"INTERVAL": "1YEAR"

},

{

"TASK\_NO": "3010/08",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Operational check of WATER SEPERATOR/FILTER bypass valve.",

"INTERVAL": "1YEAR"

},

{

"TASK\_NO": "3010/10",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Functional check of ELEVATOR HORN HEAT indication system.",

"INTERVAL": "1YEAR"

},

{

"TASK\_NO": "2S20/04",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Functional check of passenger floatation seat cushions (if seat cushion meets TSO-C72c).",

"INTERVAL": "10YRS"

},

{

"TASK\_NO": "2420/14",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Functional check (pull test) of the AC generator adapter kit.",

"INTERVAL": "10,000FH or 5years"

},

{

"TASK\_NO": "2420/11",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Restoration of AC GENERATOR",

"INTERVAL": "10,000 HOURS"

},

{

"TASK\_NO": "6110/09",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Restoration (Major propeller inspection) of the propeller as defined in Hamilton standard component maintenance manual 792000 or 794300.",

"INTERVAL": "10,500 HOURS or 7Years"

},

{

"TASK\_NO": "2810/07",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Drain/check DRY BAY fluid accumulation (long range fuel tanks with Mod 8/2130 only).",

"INTERVAL": "100 FH"

},

{

"TASK\_NO": "2750/04",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Lubrication of FLAP BALLSCREW ACTUATORS.",

"INTERVAL": "1000 Flights"

},

{

"TASK\_NO": "2750/10",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Lubrication of FLAP SECONDARY DRIVE FLEXIBLE SHAFTS.",

"INTERVAL": "1000FLIGHTS"

},

{

"TASK\_NO": "3210/08",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Discard Bolt Part No. NAS6206C17D at MLG Actuator Lock Link Joint.",

"INTERVAL": "10700 Unit Landings"

},

{

"TASK\_NO": "3220/10",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Restoration of NLG shock strut assembly.",

"INTERVAL": "10YRS Or 25000 Unit Landing"

},

{

"TASK\_NO": "3420/01",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Operation check of standby of the attitude/heading system",

"INTERVAL": "12Months"

},

{

"TASK\_NO": "3420/06",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Perform compass swing or in flight calibration to verify STANBY MAGNETIC COMPASS.",

"INTERVAL": "12Months"

},

{

"TASK\_NO": "2370/02",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Functional check of COCKPIT VOICE RECORDER to verify recording quality on all four channels.",

"INTERVAL": "12Months"

},

{

"TASK\_NO": "2560/01",

"MODEL": "ALL",

"TASK\_DESCRIPTION": "Visual check CREW LIFE VESTS for general condition and security.",

"INTERVAL": "12 Months"

},

{

"TaskID": "2560/03",

"Model": "ALL",

"TASK\_DESCRIPTION": "Operational check of the 2 frequency EMERGENCY LOCATOR TAASLMITTER with inertia switches (G-Switch).",

"INTERVAL": "12 Months"

},

{

"TaskID": "3130/03",

"Model": "ALL",

"TASK\_DESCRIPTION": "Replacement of FDR UNDERWATER LOCATING DEVICE BATTERY.",

"INTERVAL": "12Months"

},

{

"TaskID": "2370/05",

"Model": "ALL",

"TASK\_DESCRIPTION": "Operational check of CVR UNDERWATER LOCATING DEVIC.",

"INTERVAL": "12Months"

},

{

"TaskID": "2560/15",

"Model": "ALL",

"TASK\_DESCRIPTION": "Operational checks of the 3 Frequency EMERGENCY LOCATION TAASLMITTER with inertia switch (G- switch).",

"INTERVAL": "12Months"

},

{

"TaskID": "3130/04",

"Model": "ALL",

"TASK\_DESCRIPTION": "Operational check of FDR UNDER WATER LOCATING DEVICE.",

"INTERVAL": "12Months"

},

{

"TaskID": "2420/13",

"Model": "ALL",

"TASK\_DESCRIPTION": "Operational check of Relays K4, KS, K6 and K7. (Post Modsum 8Q101917).",

"INTERVAL": "12,000FH"

},

{

"TaskID": "3210/11",

"Model": "ALL",

"TASK\_DESCRIPTION": "Restoration of MLG shock Strut Assembly.",

"INTERVAL": "12 years or 30,000 units Landings"

},

{

"TaskID": "3210/14",

"Model": "ALL",

"TASK\_DESCRIPTION": "Restoration or MLG Drag Strut Assembly.",

"INTERVAL": "12Years Or 30,000 unit landings"

},

{

"TaskID": "3220/11",

"Model": "ALL",

"TASK\_DESCRIPTION": "Restoration of NLG Drag strut Assembly.",

"INTERVAL": "15years Or 30000 unit landing"

},

{

"TaskID": "4930/08",

"Model": "ALL",

"TASK\_DESCRIPTION": "Restore the PURGE RESTRICTOR by cleaning.",

"INTERVAL": "150 APU HRS"

},

{

"TaskID": "4930/07",

"Model": "ALL",

"TASK\_DESCRIPTION": "Restore the START FUEL NOZZLE by cleaning.",

"INTERVAL": "150 APU Hours"

},

{

"TaskID": "4920/04",

"Model": "ALL",

"TASK\_DESCRIPTION": "Inspect and replace APU OIL FILTER.",

"INTERVAL": "1500 APU Hours"

},

{

"TaskID": "4920/06",

"Model": "ALL",

"TASK\_DESCRIPTION": "Visual inspection of COMBUSTOR RETAINER for security and condition.",

"INTERVAL": "1500 APU Hours"

},

{

"TaskID": "4920/09",

"Model": "ALL",

"TASK\_DESCRIPTION": "Drain OIL SUMP and replenish.",

"INTERVAL": "1500 APU Hours"

},

{

"TaskID": "4920/10",

"Model": "ALL",

"TASK\_DESCRIPTION": "Disassemble and clean COMBUSTOR DRAIN VALVE.",

"INTERVAL": "1500 APU Hours"

},

{

"TaskID": "4980/02",

"Model": "ALL",

"TASK\_DESCRIPTION": "Visual inspection of the APU EXHAUST rear flange to JETPIPE connecting parts for condition and security.",

"INTERVAL": "1500 APU Hours"

},

{

"TaskID": "2430/03",

"Model": "ALL",

"TASK\_DESCRIPTION": "Restoration of STARTER GENERATOR",

"INTERVAL": "1500 Hours"

},

{

"TaskID": "3210/09",

"Model": "ALL",

"TASK\_DESCRIPTION": "Discard MLG ELECTRICAL SEQUENCE VALVE, part Nos 54C54634-1, 54C54634-3, 54C54634-5(Pre Mod 8/0060).",

"INTERVAL": "15000 Unit landings"

},

{

"TaskID": "3220/09",

"Model": "ALL",

"TASK\_DESCRIPTION": "Discard NLG ELECTRICAL SEQUENCE VALVE, part Nos, 54C54634-1, 54C54634-3, 54C54634-5(Pre Mod 8/00600).",

"INTERVAL": "15000, unit landings"

},

{

"TaskID": "3210/13",

"Model": "ALL",

"TASK\_DESCRIPTION": "Restoration of MLG Yoke and stabilizer stay assembly.",

"INTERVAL": "15years or 30,000 landings"

},

{

"TaskID": "2620/10",

"Model": "ALL",

"TASK\_DESCRIPTION": "Visual check of APU BOTTLE PRESSURE GUAGE.",

"INTERVAL": "1YEAR"

},

{

"TaskID": "2620/13",

"Model": "ALL",

"TASK\_DESCRIPTION": "Visual check of LAVATORY PRESSURE GAUGE.",

"INTERVAL": "1YEAR"

},

{

"TaskID": "2720/01",

"Model": "ALL",

"TASK\_DESCRIPTION": "Operational check of RUDDER ACTUATOR INPUT LINKS for freedom of movement, and Spring STRUT MOTION DETECTOR for correct switch/indication.",

"INTERVAL": "2YEARS"

},

{

"TaskID": "3410/05",

"Model": "ALL",

"TASK\_DESCRIPTION": "Leak check or of STATIC PORT lines.",

"INTERVAL": "2years"

},

{

"TaskID": "3410/06",

"Model": "ALL",

"TASK\_DESCRIPTION": "Recalibrate STANDBY BAROMETRIC ALTIMETER.",

"INTERVAL": "2years"

},

{

"TaskID": "3450/01",

"Model": "ALL",

"TASK\_DESCRIPTION": "Functional check of ATC TRANSPONDER (Non-Mode S transponder equipped aircraft only).",

"INTERVAL": "2Years"

},

{

"TaskID": "3450/02",

"Model": "ALL",

"TASK\_DESCRIPTION": "Functional check of ATC TRANSPONDER (Non-Mode S Transponder equipped aircraft only).",

"INTERVAL": "2years"

},

{

"TaskID": "2430/13",

"Model": "ALL",

"TASK\_DESCRIPTION": "Inspection/Functional check of BATTERY, NICAD 15AH.",

"INTERVAL": "200 Hours"

},

{

"TaskID": "2430/12",

"Model": "ALL",

"TASK\_DESCRIPTION": "Inspection/functional check of BATTERY, NICAD 40AH.",

"INTERVAL": "200 Hours"

},

{

"TaskID": "6120/12",

"Model": "ALL",

"TASK\_DESCRIPTION": "Restoration of the BACKUP PRESSURE REGULATING VALVE (Modsum 8Q101041 only).",

"INTERVAL": "25000 FLIGHT HOURS OR 180 MONTHS"

},

{

"TaskID": "3520/05",

"Model": "ALL",

"TASK\_DESCRIPTION": "Hydrostatic test of PASSSENGER OXYGEN CYLINDER [Applicable ONLY to aircraft fitted with passenger lug in oxygen system or passenger automatic “Drop Down” oxygen system).",

"INTERVAL": "3years"

},

{

"TaskID": "4920/08",

"Model": "ALL",

"TASK\_DESCRIPTION": "Check MAGNETIC CHIP DETECTOR for contamination.",

"INTERVAL": "300 APU Hours"

},

{

"TaskID": "4930/02",

"Model": "ALL",

"TASK\_DESCRIPTION": "Inspect and replace FUEL INLET FILTER (SOD 8155).",

"INTERVAL": "3000 APU Hours"

},

{

"TaskID": "4980/01",

"Model": "ALL",

"TASK\_DESCRIPTION": "Visual Inspection of APU JET.",

"INTERVAL": "3000 APU Hours"

},

{

"TaskID": "2750/18",

"Model": "ALL",

"TASK\_DESCRIPTION": "Functional check of FLAP BALL SCEW ACTUATORS for Backlash.",

"INTERVAL": "3000 Flight Cycles"

},

{

"TaskID": "3210/15",

"Model": "ALL",

"TASK\_DESCRIPTION": "Service the MLG shock struts.",

"INTERVAL": "4,200 FLIGHT Cycles or 36Months"

},

{

"TaskID": "3220/12",

"Model": "ALL",

"TASK\_DESCRIPTION": "Service the NLG shock strut.",

"INTERVAL": "4,200 Flight cycles or 36Months"

},

{

"TaskID": "3240/13",

"Model": "ALL",

"TASK\_DESCRIPTION": "Functional check of the RETURN CHECK VALVES (post Mod 8Q101320 or 8Y101310).",

"INTERVAL": "40,000 Flight Hours or 240Months"

},

{

"TaskID": "7240/01",

"Model": "ALL",

"TASK\_DESCRIPTION": "Borescope inspection of COMBUSTION LINER, HP TURBINE VANES, HP TURBINE SHROUD segments and small exit duct.",

"INTERVAL": "4000 Engine Hours, Repeat 1500 Engine hours"

},

{

"TaskID": "6120/11",

"Model": "ALL",

"TASK\_DESCRIPTION": "Restoration of PCU OIL PUMP by replacing the pressure regulating valve (Post PWC SB 20731).",

"INTERVAL": "4000 Flight Hours"

},

{

"TaskID": "6120/08",

"Model": "ALL",

"TASK\_DESCRIPTION": "Functional check of the Beta Lamp Assembly for brightness.",

"INTERVAL": "485 Hours"

},

{

"TaskID": "3210/12",

"Model": "ALL",

"TASK\_DESCRIPTION": "Inspected MLG Drag Strut lower BORECAVITY between bushes at shock strut attachment for corrosion.",

"INTERVAL": "5Years Or 18,000 unit landings"

},

{

"TaskID": "4920/07",

"Model": "ALL",

"TASK\_DESCRIPTION": "Check APU OIL LEVEL and top up as necessary.",

"INTERVAL": "50 APU Hours"

},

{

"TaskID": "2760/15",

"Model": "ALL",

"TASK\_DESCRIPTION": "Restoration of the flight spoiler actuator to replace the housing.",

"INTERVAL": "50000FC"

},

{

"TaskID": "7310/07",

"Model": "ALL",

"TASK\_DESCRIPTION": "Restoration of FUEL Nozzles.",

"INTERVAL": "500 Engine Hours"

},

{

"TaskID": "6120/10",

"Model": "ALL",

"TASK\_DESCRIPTION": "Operational check of Beta Lockout ground logic.",

"INTERVAL": "500 Hours"

},

{

"TaskID": "3230/18",

"Model": "ALL",

"TASK\_DESCRIPTION": "Detailed visual inspection of MLG RETRACTION ACTUATOR attachment fitting.",

"INTERVAL": "5000 Flight cycles"

},

{

"TaskID": "3230/18",

"Model": "ALL",

"TASK\_DESCRIPTION": "Detailed visual inspection of MLG RETRACTION ACTUATOR attachment fitting.",

"INTERVAL": "60Months"

},

{

"TaskID": "4930/02",

"Model": "ALL",

"TASK\_DESCRIPTION": "Inspect and replace FUEL INLET FILTER (PRE SOD 8155).",

"INTERVAL": "6000 APUHRS"

},

{

"TaskID": "2920/07",

"Model": "ALL",

"TASK\_DESCRIPTION": "Operational check of HYDRAULIC SOV in Alternate Rudder power system, (Mod 8/1983).",

"INTERVAL": "800HRS"

},

{

"TaskID": "6120/09",

"Model": "ALL",

"TASK\_DESCRIPTION": "Functional checks of Up trim disable system.",

"INTERVAL": "956HRS"

},

{

"TaskID": "6110/08",

"Model": "ALL",

"TASK\_DESCRIPTION": "Discard Propeller Hub and Blade (from propeller model 14SF-15), part numbers: Propeller Hub 794301-2 802228-1 Propeller Blades SFA13J1-OA",

"INTERVAL": "9800HRS"

},

{

"TaskID": "2150/07",

"Model": "ALL",

"TASK\_DESCRIPTION": "Visually inspect HEAT EXCHANGER core and clean as necessary.",

"INTERVAL": "At ACM removal"

},

{

"TaskID": "4910/10",

"Model": "ALL",

"TASK\_DESCRIPTION": "Operational check of OIL COOLER BYPASSVALVE. (PRE S00 8155).",

"INTERVAL": "At APU removal"

},

{

"TaskID": "2610/01",

"Model": "ALL",

"TASK\_DESCRIPTION": "Operational check of SENSOR RESPONDERS All using SYSTON DONNER Heat Test Unit or suitable alternate.",

"INTERVAL": "At component installation then 6C"

},

{

"TaskID": "2550/01",

"Model": "ALL",

"TASK\_DESCRIPTION": "Visual inspection of baggage Bulkhead SMOKE SEAL.",

"INTERVAL": "At Bulkhead removal/inst."

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{

"TaskID": "7810/01",

"Model": "ALL",

"TASK\_DESCRIPTION": "Visual Inspection of ADPTER RING for condition.",

"INTERVAL": "During Engine Change"

},

{

"TaskID": "7810/02",

"Model": "ALL",

"TASK\_DESCRIPTION": "Internal visual inspection of JET PIPE for condition.",

"INTERVAL": "During Engine Change"

},

{

"TaskID": "7810/04",

"Model": "ALL",

"TASK\_DESCRIPTION": "Visual inspection of COUPLING ASSEMBLY for condition",

"INTERVAL": "During Engine Change"

},

{

"TaskID": "2560/02",

"Model": "ALL",

"TASK\_DESCRIPTION": "Discard of the 2 frequency EMERGENCY LOCATOR TAASLMITTER BATTERY.",

"INTERVAL": "Expiry date on battery"

},

{

"TaskID": "2560/16",

"Model": "ALL",

"TASK\_DESCRIPTION": "Discard of the 3 frequency EMERGENCY LOCATOR TRANSMITTER BATTERY.",

"INTERVAL": "Expiry date on Battery"

},

{

"TaskID": "2620/02",

"Model": "ALL",

"TASK\_DESCRIPTION": "Replacement of ENGINE FIRE BOTTLES DISCHARGE CARTRIDGES.",

"INTERVAL": "In accordance with vendor recommendation"

},

{

"TaskID": "2620/09",

"Model": "ALL",

"TASK\_DESCRIPTION": "Replacement of APU FIRE BOTTLE DISCHARGE CARTRIDGE.",

"INTERVAL": "In accordance with Vendor recommendation"

},

{

"TaskID": "2620/14",

"Model": "ALL",

"TASK\_DESCRIPTION": "Hydrostatic test of the PORTABLE FIRE EXTINGUISHER BOTTLES.",

"INTERVAL": "In accordance with Vendor recommendation"

},

{

"TaskID": "2370/04",

"Model": "ALL",

"TASK\_DESCRIPTION": "Replacement of CVR UNDERWATER DEVICE BATTERY.",

"INTERVAL": "Expiry date on battery or replacement date for ULD as applicable."

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{

"TaskID": "3440/04",

"Model": "ALL",

"TASK\_DESCRIPTION": "Functional check of GPWS COMPUTER",

"INTERVAL": "7,000 Component Hours or during shop visit"

}

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“Out Of Phase-Check” Structural Inspections  
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"TASK\_NO": "5210/51",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "6Years",

"REPEAT": "6Years"

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"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "6Years",

"REPEAT": "6Years"

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{

"TASK\_NO": "5220/52",

"MODEL": "ALL",

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"THRESHOLD": "6Years",

"REPEAT": "6Years"

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"THRESHOLD": "6Years",

"REPEAT": "6Years"

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{

"TASK\_NO": "5220/54",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "6Years",

"REPEAT": "6Years"

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"MODEL": "ALL",

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"THRESHOLD": "6Years",

"REPEAT": "6Years"

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{

"TASK\_NO": "5300/01",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "5Years",

"REPEAT": "3years"

},

{

"TASK\_NO": "5310/03",

"MODEL": "ALL",

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"THRESHOLD": "6Years",

"REPEAT": "6Years"

},

{

"TASK\_NO": "5310/11",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "10Years",

"REPEAT": "6Years"

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"TASK\_NO": "6310/16",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "10years",

"REPEAT": "6Years"

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"MODEL": "ALL",

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"THRESHOLD": "6Years",

"REPEAT": "3Years"

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"THRESHOLD": "20Years",

"REPEAT": "6Years"

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"TASK\_NO": "5310/33",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "10Years",

"REPEAT": "6Years"

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{

"TASK\_NO": "5310/34",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "6Years",

"REPEAT": "6Years"

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{

"TASK\_NO": "5410/04",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED",

"THRESHOLD": "1Year",

"REPEAT": "1Year"

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{

"TASK\_NO": "5440/01",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "AD",

"THRESHOLD": "Engine Change",

"REPEAT": "Engine Change"

},

{

"TASK\_NO": "5440/02",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "AD",

"THRESHOLD": "Engine Change",

"REPEAT": "Engine Change"

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{

"TASK\_NO": "5440/03",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "AD",

"THRESHOLD": "Engine Change",

"REPEAT": "Engine Change"

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"TASK\_NO": "5500/01",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED",

"THRESHOLD": "5Years",

"REPEAT": "3Years"

},

{

"TASK\_NO": "5510/03",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "20years",

"REPEAT": "9Years"

},

{

"TASK\_NO": "5530/03",

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"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "6Years",

"REPEAT": "6Years"

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"TASK\_NO": "5530/05",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "6Years",

"REPEAT": "3Years"

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"TASK\_NO": "5530/09",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "6Years",

"REPEAT": "6Years"

},

{

"TASK\_NO": "5530/12",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "6Years",

"REPEAT": "6Years"

},

{

"TASK\_NO": "5601/01",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED",

"THRESHOLD": "1600FH or 12Months",

"REPEAT": "1600FH or 12Months"

},

{

"TASK\_NO": "5700/01",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED",

"THRESHOLD": "5Years",

"REPEAT": "3Years"

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"TASK\_NO": "5710/04",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED",

"THRESHOLD": "6Years",

"REPEAT": "6Years"

},

{

"TASK\_NO": "5710/09",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED",

"THRESHOLD": "10Years",

"REPEAT": "6Years"

},

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"TASK\_NO": "5710/10",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED",

"THRESHOLD": "10Years",

"REPEAT": "6Years"

},

{

"TASK\_NO": "5730/08",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED",

"THRESHOLD": "6Years",

"REPEAT": "6Years"

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DHC8-100\_out\_of\_phase\_structural\_tasks  
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{

"TASK\_NO": "5210/51",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "6Years",

"REPEAT": "6Years"

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"REPEAT": "6Years"

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"REPEAT": "6Years"

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"REPEAT": "6Years"

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"REPEAT": "6Years"

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"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "5Years",

"REPEAT": "3years"

},

{

"TASK\_NO": "5310/03",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED",

"THRESHOLD": "6Years",

"REPEAT": "6Years"

},

{

"TASK\_NO": "5310/11",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "10Years",

"REPEAT": "6Years"

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{

"TASK\_NO": "6310/16",

"MODEL": "ALL",

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"THRESHOLD": "10years",

"REPEAT": "6Years"

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"MODEL": "ALL",

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"THRESHOLD": "6Years",

"REPEAT": "3Years"

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"TASK\_NO": "5310/33",

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"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "10Years",

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"TASK\_NO": "5310/34",

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"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "6Years",

"REPEAT": "6Years"

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{

"TASK\_NO": "5410/04",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED",

"THRESHOLD": "1Year",

"REPEAT": "1Year"

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{

"TASK\_NO": "5440/01",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "AD",

"THRESHOLD": "Engine Change",

"REPEAT": "Engine Change"

},

{

"TASK\_NO": "5440/02",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "AD",

"THRESHOLD": "Engine Change",

"REPEAT": "Engine Change"

},

{

"TASK\_NO": "5440/03",

"MODEL": "ALL",

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"REPEAT": "Engine Change"

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"TASK\_NO": "5500/01",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED",

"THRESHOLD": "5Years",

"REPEAT": "3Years"

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{

"TASK\_NO": "5510/03",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "20years",

"REPEAT": "9Years"

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{

"TASK\_NO": "5530/03",

"MODEL": "ALL",

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"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "6Years",

"REPEAT": "3Years"

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"TASK\_NO": "5530/09",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED CPCP",

"THRESHOLD": "6Years",

"REPEAT": "6Years"

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"TASK\_NO": "5530/12",

"MODEL": "ALL",

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"TYPE\_OF\_DAMAGE": "ED",

"THRESHOLD": "1600FH or 12Months",

"REPEAT": "1600FH or 12Months"

},

{

"TASK\_NO": "5700/01",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED",

"THRESHOLD": "5Years",

"REPEAT": "3Years"

},

{

"TASK\_NO": "5710/04",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED",

"THRESHOLD": "6Years",

"REPEAT": "6Years"

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"TASK\_NO": "5710/09",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED",

"THRESHOLD": "10Years",

"REPEAT": "6Years"

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"TASK\_NO": "5710/10",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED",

"THRESHOLD": "10Years",

"REPEAT": "6Years"

},

{

"TASK\_NO": "5730/08",

"MODEL": "ALL",

"TYPE\_OF\_DAMAGE": "ED",

"THRESHOLD": "6Years",

"REPEAT": "6Years"

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DHC8-100\_ewis\_inspection\_tasks.j  
[

{

"TASK\_NO": "122X1",

"MODEL": "ALL",

"INTERVALS": "20000FH OR 180 MONTHS"

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"TASK\_NO": "131X1",

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"MODEL": "ALL",

"INTERVALS": "18000 FH OR 180 MONTHS"

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{

"TASK\_NO": "531X1",

"MODEL": "ALL",

"INTERVALS": "15000FH OR 180 MONTHS"

},

{

"TASK\_NO": "611X1",

"MODEL": "ALL",

"INTERVALS": "18000FH OR 180 MONTHS"

},

{

"TASK\_NO": "612X1",

"MODEL": "ALL",

"INTERVALS": "18000FH OR 180 MONTHS"

},

{

"TASK\_NO": "622X1",

"MODEL": "ALL",

"INTERVALS": "18000FH OR 180 MONTHS"

},

{

"TASK\_NO": "623X1",

"MODEL": "ALL",

"INTERVALS": "18000FH OR 180 MONTHS"

},

{

"TASK\_NO": "624X1",

"MODEL": "ALL",

"INTERVALS": "18000FH OR 180 MONTHS"

},

{

"TASK\_NO": "631X1",

"MODEL": "ALL",

"INTERVALS": "15000FH OR 180 MONTHS"

}

]  
{

"tasks": [

{

"task\_ref": "7200/01",

"modular": "Engine",

"task\_description": "Major refurbishment/overhaul",

"interval": "Initial & subsequent, On-condition"

},

{

"task\_ref": "7200/02",

"modular": "Turbo machine",

"task\_description": "Major refurbishment/overhaul",

"interval": "Initial & subsequent, On-condition"

},

{

"task\_ref": "7200/03",

"modular": "RGB",

"task\_description": "Major refurbishment/overhaul",

"interval": "Initial & subsequent, On-condition"

},

{

"task\_ref": "7200/02",

"modular": "Gas Path Components",

"task\_description": "LP impeller – Visual or borescope (Ref. 72-00-00 inspection/check)",

"interval": "Initial & subsequent, 1500FH"

},

{

"task\_ref": "7240/01",

"modular": "Gas Path Components",

"task\_description": "HP turbines vanes, HP turbine shroud segments, HP turbines blades, combustion chamber, small exit duct (engines on ECTM) – Borescope (Ref. 72-00-00 inspection/check)",

"interval": "Initial 4000FH, Subsequent 500FH max since last check or HSI"

},

{

"task\_ref": "7200/04",

"modular": "Gas Path Components",

"task\_description": "Engine condition trend monitoring (ECTM) (On-condition program only) – HSI (Ref 72-03-00)",

"interval": "Initial & subsequent – Record data daily (or every 6FH), analyze weekly (max 7 days)"

},

{

"task\_ref": "7200/05",

"modular": "Gas Path Components",

"task\_description": "Hot section – HSI (Ref. 72-03-00)",

"interval": "Initial & subsequent – Per power assurance refurbishment engines maintained on on-condition program; check and borescope inspection results"

},

{

"task\_ref": "7200/06",

"modular": "Gas Path Components",

"task\_description": "HP Blades (post-SB20970, SB21059 or SB21092) – Discard (Ref Notes 3 & 4)",

"interval": "Initial, Subsequent 15,000 cycles (See Note 4)"

},

{

"task\_ref": "7200/07",

"modular": "Gas Path Components",

"task\_description": "HP Blades (post-SB21836) – Discard",

"interval": "Initial, Subsequent 15,000 cycles (See Note 4)"

},

{

"task\_ref": "7200/08",

"modular": "Gas Path Components",

"task\_description": "LP Turbine Blades – Creep inspection (Ref. CIR Manual P/N 3043515)",

"interval": "Initial; Subsequent at engine shop visit when LPT disk is accessible and LPT blade is 4000FH TTSN or more; repeat if 4000FH since last creep inspection"

},

{

"task\_ref": "7200/08",

"modular": "Gas Path Components",

"task\_description": "First-Stage Power Turbine Blades (post-SB21419) – Discard",

"interval": "Initial; Subsequent 20,000FH TSN (Ref NOTE 9)"

},

{

"task\_ref": "7920/04",

"modular": "Oil System",

"task\_description": "Main oil filter (non-cleanable) – Discard (Ref 72-01-50 Servicing)",

"interval": "Initial & subsequent, 1000FH"

},

{

"task\_ref": "7920/05",

"modular": "Oil System",

"task\_description": "Scavenge and main oil filters – Filter patch check/visual (Ref. 72-01-50)",

"interval": "Initial & subsequent, 1000FH"

},

{

"task\_ref": "7910/01",

"modular": "Oil System",

"task\_description": "Oil consumption – Replenish oil level (Ref. 72-00-00 Servicing)",

"interval": "Initial & subsequent, 24FH"

},

{

"task\_ref": "7900/01",

"modular": "Oil System",

"task\_description": "Oil change (Ref 72-00-00 Servicing)",

"interval": "Initial & subsequent, N/A"

},

{

"task\_ref": "7900/02",

"modular": "Oil System",

"task\_description": "Oil analysis (Ref 72-00-00 Description/Operation)",

"interval": "Initial & subsequent, As required by preservation/de-preservation schedule"

},

{

"task\_ref": "517200/10",

"modular": "RGB Module",

"task\_description": "RGB Input Pinion (pre SB 20246, Ref. Note 6) – Visual/borescope inspection",

"interval": "Initial 3000FH since new/overhaul/replacement; Subsequent 500FH max (250FH if spalling detected)"

},

{

"task\_ref": "7200/11",

"modular": "RGB Module",

"task\_description": "Propeller shaft with 30,000FH/30,000 cycles – Inspect (FACE H) (Ref 72-10-00 Reduction Gearbox Maintenance Practices, Note 8)",

"interval": "Initial; Subsequent at engine HSI or when prop removed (not to exceed approved TBO)"

},

{

"task\_ref": "7310/03",

"modular": "Fuel System",

"task\_description": "Fuel Pump Fuel Filter (HP) – Replacement/cleaning",

"interval": "Initial & subsequent, 1000FH"

},

{

"task\_ref": "7310/02",

"modular": "Fuel System",

"task\_description": "Fuel Heater Fuel Filter (LP) – Replacement/cleaning",

"interval": "Initial & subsequent, 1000FH"

},

{

"task\_ref": "7310/02",

"modular": "Fuel System",

"task\_description": "Fuel Nozzles – Overhaul (Ref CMM3056640)",

"interval": "Initial & subsequent, 500FH"

},

{

"task\_ref": "7310/08",

"modular": "Fuel System",

"task\_description": "Engine Fuel drain lines – Blockage inspection",

"interval": "Initial & subsequent, 500FH"

},

{

"task\_ref": "7310/08",

"modular": "Fuel System",

"task\_description": "HMU – Bench check/inspection",

"interval": "Initial & subsequent, On-condition"

},

{

"task\_ref": "7310/10",

"modular": "Fuel System",

"task\_description": "HMU P3 line – Flushing with nitrogen/shop air",

"interval": "Initial & subsequent, At HMU replacement"

},

{

"task\_ref": "7310/11",

"modular": "Fuel System",

"task\_description": "Flow divider/dump valve – Overhaul",

"interval": "Initial & subsequent, On-condition"

},

{

"task\_ref": "7310/12",

"modular": "Fuel System",

"task\_description": "Engine driven fuel pump – Inspect splines wear (per latest CMM)",

"interval": "Initial & subsequent, On-condition"

},

{

"task\_ref": "7400/01",

"modular": "Ignition System",

"task\_description": "Igniter Plugs – Detailed inspection (Ref. 72-01-20, SB8-74-02B)",

"interval": "Initial & subsequent, 500FH"

},

{

"task\_ref": "7400/02",

"modular": "Ignition System",

"task\_description": "Ignition system – Operational check (Ref 72-01-20 Adjustment/Test, SB8-74-02B)",

"interval": "Initial & subsequent, 500FH"

},

{

"task\_ref": "6120/05",

"modular": "Engine Ground Test",

"task\_description": "Over speed governor test – Operational Test (Ref AMM)",

"interval": "Initial & subsequent, 500FH"

},

{

"task\_ref": "6120/08 or 6120/09",

"modular": "Engine Ground Test",

"task\_description": "Auto feather/up trim system – Operational Test (Ref 7200-00 Adjustment/Test)",

"interval": "Initial & subsequent, 500FH"

},

{

"task\_ref": "418 & 428",

"modular": "Engine Externals",

"task\_description": "Check external condition of RGB & inlet case housing, diffuser exit ducts, air bleed lines, wiring harness, ignition cables, HMU fuel & oil lines – Visual inspection",

"interval": "Initial & subsequent, 500FH"

},

{

"task\_ref": "7300/01",

"modular": "Engine Externals",

"task\_description": "Fuel line to flow divider, No.6 & 7 bearing pressure, scavenger & vent oil lines – Detailed inspection",

"interval": "Initial & subsequent, 500FH (reduce to 250FH if fretting 0.007–0.012in found)"

},

{

"task\_ref": "6120/11",

"modular": "Control System",

"task\_description": "OSG/PCU Pump Relief Valve (pre-SB21579) – Replace (Ref SB21221)",

"interval": "Initial & subsequent, 4000FH"

},

{

"task\_ref": "6120/11",

"modular": "Control System",

"task\_description": "Overspeed governor (post-SB21570) – Bench Test per applicable CMM",

"interval": "Initial & subsequent, 10000FH"

},

{

"task\_ref": "6120/12",

"modular": "Control System",

"task\_description": "PCU pump – Bench inspection/check",

"interval": "Initial & subsequent, 10000FH"

}

]

}  
{

"OperatingEnvironmentRelatedMaintenance": [

{

"TaskRef": "7200/12",

"TaskDescription": "Gas Path Wash",

"Interval": "Initial & subsequent: 50 FH",

"Trigger": "Occasionally required in salt-laden operating environments",

"Reference": "NOTE 1; 72-00-00"

},

{

"TaskRef": "7200/13",

"TaskDescription": "Turbine Wash",

"Interval": "Initial & subsequent: 500 FH",

"Reference": "NOTE 2; 72-00-00"

},

{

"TaskRef": "7200/14",

"TaskDescription": "Performance Recovery Wash",

"Interval": "As required by ECTM",

"Trigger": "Every approx. 10°C (20°F) ITT/T6 increase and visual inspection of impellers and gas path",

"Reference": "72-00-00"

}

]

}  
{

"MaintenanceTasks": [

{

"TaskRef": "6120/11",

"Interval": {

"Value": 4000,

"Unit": "Flight Hours"

},

"Thresholds": [

{

"Condition": "Post 20731 and Pre 21570",

"Value": 25000,

"Unit": "Flight Hours"

},

{

"Condition": "Post 21570",

"Value": null,

"Unit": null

}

],

"TaskDescription": "Restoration of PCU OIL PUMP by replacing the pressure regulating valve (Post PWC SB 20731)."

},

{

"TaskRef": "6120/08",

"Applicability": ["ALL", "8", "FC"],

"Interval": {

"Value": 485,

"Unit": "Hours"

},

"TaskDescription": "Functional check of the Beta Lamp Assembly for brightness.",

"Notes": "Second and subsequent checks to be at 6 months intervals."

},

{

"TaskRef": "6120/10",

"Applicability": ["ALL", "8", "OP"],

"Interval": {

"Value": 500,

"Unit": "Hours"

},

"TaskDescription": "Operational check of Beta Lockout ground logic.",

"ApplicabilityConditions": "Applicable to aircraft with CR873CH0011/SB 8-76-24 or Modsum 8Q101956/SB 8-76-35 installed."

}

]

}  
{

"PropellerLimitationsChecks": [

{

"Item": "Actuator Assembly",

"PartNumbers": ["790180-3", "790180-2"],

"InspectionInterval": {

"FlightHours": 10500,

"CalendarTime": null

}

},

{

"Item": "Oil Transfer Tube and Retainer",

"PartNumbers": ["814829-1", "782515-1"],

"InspectionInterval": {

"Initial": {

"FlightHours": 6000,

"CalendarTime": "3 Years",

"Condition": "after effective date of AD 96-25-20 (February 7, 1997)"

},

"Repeat": {

"FlightHours": 10500,

"CalendarTime": "3 Years"

}

}

},

{

"Item": "Propeller Control Unit (PCU)",

"PartNumbers": [

"782490-5","782490-A5","782490-9","782490-A9","782490-10","782490-A10",

"782490-14","782490-A14","782490-17","782490-A17","782490-28","782490-A28",

"782490-39","782490-A39","782490-50","782490-A50"

],

"InspectionInterval": {

"Initial": {

"FlightHours": 6000,

"CalendarTime": "3 Years",

"Condition": "after effective date of AD 96-25-20 (February 7, 1997)"

},

"Repeat": {

"FlightHours": 10500,

"CalendarTime": "3 Years"

}

}

},

{

"Item": "Inner Bearing Race",

"PartNumbers": ["782303-1"],

"InspectionInterval": {

"FlightHours": 10500,

"CalendarTime": null,

"Action": "Discard"

}

},

{

"Item": "Propeller Control Unit (PCU)",

"PartNumbers": ["782490-36","782490-A36","782490-47","782490-A47","782490-39","782490-A39"],

"InspectionInterval": {

"FlightHours": 5000,

"CalendarTime": null

}

},

{

"Item": "Blade and Pin Assembly",

"SerialNumbers": {

"SFA13J1-0A": ["857395-857402","858060-858075"]

},

"InspectionInterval": {

"FlightHours": 9800

}

},

{

"Item": "Hub",

"SerialNumbers": {

"794301-2": ["16","21","29","30","31","33","38","64"],

"802228-1": "All"

},

"InspectionInterval": {

"FlightHours": 9800

}

},

{

"Item": "Blade and Pin Assembly",

"PartNumbers": ["SFA13J1R0A","SFA13K1R0A","SFA13N1R0A","SFA13N1P0A"],

"InspectionInterval": {

"FlightHours": 10500,

"CalendarTime": "7 Years"

}

},

{

"Item": "Hub",

"PartNumbers": ["794301-2","802228-1","802308-1","802396-1"],

"InspectionInterval": {

"FlightHours": 10500,

"CalendarTime": "7 Years"

}

},

{

"Item": "Outer Bearing Race",

"PartNumbers": ["794302-1"],

"InspectionInterval": {

"FlightHours": 10500,

"CalendarTime": "Not Applicable"

}

},

{

"Item": "Inner Bearing Race (two-piece)",

"PartNumbers": ["794303-1","802224-1","802224-2"],

"InspectionInterval": {

"FlightHours": 10500,

"CalendarTime": "Not Applicable"

}

},

{

"Item": "Propeller Control Unit (PCU)",

"PartNumbers": [

"782490-13","782490-A13","782490-25","782490-A25",

"782490-36","782490-A36","782490-39","782490-A39",

"782490-47","782490-A47","782490-50","782490-A50"

],

"InspectionInterval": {

"Initial": {

"FlightHours": 6000,

"CalendarTime": "3 Years",

"Condition": "after effective date of AD 96-25-20 (February 7, 1997)"

},

"Repeat": {

"FlightHours": 10500,

"CalendarTime": "3 Years"

}

}

}

]

}  
  
{

"AuricAirInspections": [

{

"TaskNo": "OPR-01",

"Description": "C OF A RENEWAL",

"Interval": 1 YEAR

},

{

"TaskNo": "OPR-02",

"Description": "RADIO STATION INSPECTION",

"Interval": "1 YEAR"

},

{

"TaskNo": "OPR-03",

"Description": "ELT CHECK",

"Interval": "1 YEAR"

},

{

"TaskNo": "OPR-04",

"Description": "AIRCRAFT REWEIGH",

"Interval": "1 YEAR"

},

{

"TaskNo": "OPR-05",

"Description": "COMPASS SWING",

"Interval": "5 YEARS"

},

{

"TaskNo": "OPR-06",

"Description": "PITOT STATIC LEAK CHECK",

"Interval": "1 YEAR"

},

{

"TaskNo": "OPR-07",

"Description": "CVR BENCH CHECK",

"Interval": "1 YEAR"

},

{

"TaskNo": "OPR-08",

"Description": "FDR READOUT",

"Interval": "1 YEAR"

},

{

"TaskNo": "OPR-09",

"Description": "TRANSPONDER FUNCTIONAL CHECK",

"Interval": "1 YEAR"

}

]

}