



**NOTE : Add annual inspections and engine inspections (the latter are to be programmed on the same basis than airframe inspections).
In an economic interest, the coincidence of the airframe scheduled inspections with the engine scheduled inspections and the annual inspections falls to the aircraft's owner.**

Inspection calendar (partial)
Figure 1

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SUMMARY OF INSPECTIONS (per ATA)

ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
	PRELIMINARY STEPS	000	X	X	X	X	X	
	1) Record anomalies into log book or equivalent document for corrective action.	000	X	X	X	X	X	
	2) Check aircraft compliance with airworthiness directives, service bulletins and service letters - refer to 05-00-02 1.	000	X	X	X	X	X	
	3) Check expiry dates of life-limited parts : - airframe - refer to 04-00-00 1 and 05-50-05 601, - equipment and hoses - refer to 05-10-00 1.	000		X	X	X	X	
	4) Perform a test run-up. Record parameters (at engine start) - refer to 05-30-02 201.	000	X	X	X	X	X	
71-10	5) Remove upper engine cowling 121 and lower engine cowling 131. Visually inspect for cracks, wear, evidence of leaks (oil, fuel, air, exhaust gas) and security - refer to 71-10-01 201.	100	X	X	X	X	X	
52-40	6) Remove battery access door 243 (battery at the rear), visually inspect for cracks and security.	200	X	X	X	X	X	
52-40	7) Remove battery access door 211R (front battery option), visually inspect for cracks and security.	200	X	X	X			
24-30	8) Disconnect battery - refer to 24-30-02 201.	000	X	X	X	X	X	
52-40	9) Remove inspection doors 211L, 211R (if installed), visually inspect for cracks and security.	200				X	X	
52-40	10) Remove firewall-mounted inspection doors 212L (partial removal) and 212R (if installed), visually inspect for cracks and security.	200				X	X	
52-40	11) Remove and visually inspect inspection doors 235L, 235R.	200				X	X	
53-00	12) Remove junction fairings 217R and 217L, visually inspect for cracks and security.	200				X	X	

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
53-00	13) Remove cowlings under hull 218A and 218F, visually inspect for cracks and security.	200	X		X	X	X	
53-00	<u>Post-MOD. 151</u> 14) Remove and visually inspect fairings of retractable footsteps 2111L and 2111R.	200			X	X	0	NOTE 1
52-40	<u>All</u> 15) Remove and check condition of inspection doors 213L, and (if installed) 214 and 213R.	200				X		
52-40	16) Remove and check condition of inspection door 214 (if installed).	200			X		X	
52-40	17) Remove and check condition of baggage compartment bottom door 242.	200	X		X	X	X	
53-00	18) Remove and visually inspect tail cone 222 for cracks and security. Check condition of tail cone electrical wiring (if installed) - refer to 53-20-00 201.	200	X		X	X	X	
57-30	19) Remove wing tip 517 (if not riveted), visually inspect for cracks and security - refer to 57-30-00 201.	500				X		
52-40	20) Remove and check condition of inspection doors 511, 512, 516 and (if installed) 515 - refer to 52-40-00 201.	500				X	X	
52-40	21) Remove and check condition of sealed inspection doors 513, 514 - refer to 52-40-00 201.	500				X		
57-30	22) Remove and visually inspect wing tip 617 (if not riveted) for cracks and security - refer to 57-30-00 201.	600				X		
52-40	23) Remove and check condition of inspection doors 611, 612, 616 and (if installed) 615 - refer to 52-40-00 201.	600				X	X	
52-40	24) Remove and check condition of sealed inspection doors 613, 614 - refer to 52-40-00 201.	600				X		
52-40	25) Remove and check condition of access door 238L to landing gear hydraulic generator.	200				X	X	

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			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
07-10	26) Jack up the aircraft - refer to 07-10-00 201.	000			X	X	X	
24-40	27) Connect an external power supply source to the ground power receptacle (if installed). Energize.	200			X	X	X	
53-00	COCKPIT AND FUSELAGE INSPECTION (AREA 200)	200	X	X	X	X	X	
53-00	1) Perform an overall visual inspection of area 200.	200	X		X	X	X	
32-00	LANDING GEAR INSPECTION (AREA 700)	700	X	X	X	X	X	
32-00	1) Perform an overall visual inspection of area 700.	700	X		X	X	X	
57-00	L.H. WING INSPECTION (AREA 500)	500	X		X	X	X	
57-00	1) Perform an overall visual inspection of area 500.	500	X		X	X	X	
57-00	R.H. WING INSPECTION (AREA 600)	600	X		X	X	X	
57-00	1) Perform an overall visual inspection of area 600.	600	X		X	X	X	
71-00	ENGINE COMPARTMENT INSPECTION (AREA 100)	100	X	X	X	X	X	
71-00	1) Perform an overall visual inspection of area 100.	100	X	X	X	X	X	
55-00	STABILIZER INSPECTION (AREA 300)	300	X		X	X	X	
55-00	1) Perform an overall visual inspection of area 300.	300	X		X	X	X	
08-00	LEVELING AND WEIGHING							
08-10	Weighing and balancing							
08-10	1) Level the aircraft - refer to 08-10-00 201.	000				X		
08-10	2) Weigh the aircraft for weight and balance computations - refer to 08-20-00 201.	000						5 years

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
11-00	PLACARDS AND MARKINGS							
11-00	General							
11-00	1) Check installation and legibility of interior and exterior placards and markings - refer to 11-20-00 1, 11-30-00 1.	200			X	X	0	NOTE 1
11-00	2) Check installation and legibility of exterior placards and markings - refer to 11-20-00 1.	700			X	X	0	NOTE 1
11-00	3) Check installation and legibility of exterior placards and markings - refer to 11-20-00 1.	500			X	X	0	NOTE 1
11-00	4) Check installation and legibility of exterior placards and markings - refer to 11-20-00 1.	600			X	X	0	NOTE 1
11-00	5) Check installation and legibility of exterior placards and markings - refer to 11-20-00 1.	100			X	X	0	NOTE 1
11-00	6) Check installation and legibility of exterior placards and markings - refer to 11-20-00 1.	300			X	X	0	NOTE 1
12-00	SERVICING							
12-10	Replenishing							
12-10	1) Drain the oil system - refer to 12-12-02 301, replace the filter - refer to 79-20-02 201, clean the strainer of crankcase - refer to 79-10-02 201. NOTE : Before discarding the filter and cleaning the strainer, check that there are no metal particles in the folds. Close the drain cock and service the oil tank - refer to 12-12-01 301 and to the latest issue of LYCOMING SB 480.	100	X	X	X	X	X	First engine 10 hrs and 25 hrs or 4 months then every 50 hrs or 4 months
12-10	2) Drain the fuel tanks and fuel system - refer to 12-11-02 301. Ventilate - refer to 12-11-03 301.	000				X		

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			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
12-10	3) Fill the fuel tanks and inspect for leaks - refer to 12-11-01 301, 28-10-00 601. NOTE : Before and during refueling, perform operational tests of fuel gages - refer to 28-40-01 401 and low fuel level detectors (if installed) - refer to 28-40-04 201.	000				X		
12-20	Scheduled servicing							
12-20	1) Clean exterior surface. Inspect for corrosion - refer to 12-20-03 201.	000			X	X	X	
12-20	2) Clean the engine - refer to 12-20-03 201.	000			X	X	X	
20-00	AIRFRAME STANDARD PRACTICES							
20-00	General							
20-00	1) Reinforce the anticorrosion protection - refer to 20-00-04 201 and lubricate - refer to 12-21-02 201.	200		X	X	X	X	
20-00	2) Reinforce the anticorrosion protection - refer to 20-00-04 201 and lubricate - refer to 12-21-05 201.	700			X	X	X	
20-00	3) Reinforce the anticorrosion protection - refer to 20-00-04 201 and lubricate - refer to 12-21-04 201.	500			X	X	X	
20-00	4) Reinforce the anticorrosion protection - refer to 20-00-04 201 and lubricate - refer to 12-21-04 201.	600			X	X	X	
20-00	5) Reinforce the anticorrosion protection - refer to 20-00-04 201 and lubricate - refer to 12-21-01 201.	100		X	X	X	X	
20-00	6) Reinforce the anticorrosion protection - refer to 20-00-04 201 and lubricate - refer to 12-21-03 201.	300			X	X	X	
21-00	AIR CONDITIONING							
21-20	Distribution							
21-20	1) Perform an operational test of NACA inlet and air outlet blanking flaps.	200				X	X	

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			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
21-20	2) Visually inspect the air regulation box(es), the air outlets and the blower (if installed).	200				X	X	
21-40	Heating							
21-40	1) Perform an operational test of the air regulation controls, check that in "fire shut-off" position the firewall-mounted box(es) are blanked - refer to 21-00-00 201.	200				X	X	
21-40	2) Perform a detail examination of air regulation hose(s) and firewall-mounted box(es) for cracks.	100				X	X	
21-55	Vapor cycle cooling system							
21-55	1) During the time the vapor cycle cooling system (if installed) is not used, run the compressor for 10 minutes, with engine at idle speed.	000	X	X	X	X	X	1 month
21-55	2) Perform a functional test and a performance test of the vapor cycle cooling system (if installed) - refer to 21-55-00 501.	000			X	X	X	
21-55	3) Check the level of the refrigerant on the sight indicator of the vapor cycle cooling system (if installed) - refer to 12-15-03 301.	200			X	X	X	
21-55	4) Visually inspect the vapor cycle cooling system (if installed).	200				X	X	
21-55	5) Clean the suction filter and if necessary, the evaporator and the condenser of the vapor cycle cooling system (if installed) - refer to the latest issue of KEITH MM/IPC No. 20-0101SM.	200			X	X	0	NOTE 1
21-55	6) Visually inspect the pipes and hoses of the vapor cycle cooling system (if installed) for routing and security. Check condition of unions.	000				X	X	
21-55	7) Check the condenser blower brushes for wear. Replace the brushes if necessary - refer to 21-55-02 201.	200				X		

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			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
21-55	8) Visually inspect the vapor cycle cooling compressor and the support (if installed) - refer to the latest issue of KEITH MM/IPC No. 20-0101SM.	100			X	X	0	NOTE 1
21-55	9) Check the belt of the vapor cycle cooling compressor (if installed) for condition and tension - refer to 21-55-01 201. Check the tension of a new belt after the first 25 operating hours.	100	X	X	X	X	0	NOTE 1
22-00	AUTOFLIGHT							
22-10	Autopilot (if installed)							
22-10	1) Remove the servo-actuators of the autopilot (if installed), check setting and inspect for corrosion - refer to 22-11-00 201 or 22-12-00 201 or 22-12-03 401 or 22-12-04 401 or 22-12-06 401. Install the servo-actuators.	200				X	X	1000 hrs
22-10	2) Visually inspect the supports, levers, attachments of the autopilot (if installed) servo-actuators. Inspect servo-actuator links to flight control linkages.	200				X	X	1000 hrs
23-00	COMMUNICATIONS							
23-10	Speech communications							
23-10	1) Visually inspect the racks, radio sets and control units of the communication systems (if installed), check the wirings for correct routing, security and interference.	200				X		
23-10	2) Visually inspect the antennas (if installed).	200				X		
23-10	3) Visually inspect the antenna cables (if installed), check for security, routing and interference.	200				X		
23-60	Static dischargers							
23-60	1) Visually inspect the static dischargers and bonding braids (if installed) for condition and security on the flaps, ailerons and stabilizers. If doubtful, check continuity and resistance - refer to 23-60-00 201.	000				X	X	

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			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
24-00	ELECTRICAL POWER							
24-00	General							
24-00	1) Visually inspect the battery relay (battery at the rear) and (if installed) the ground power unit relay. Check attachments, lugs and terminal covers.	200				X		
24-00	2) Visually inspect all cable connections under the floor, in the rear fuselage, under the instrument panel and on the front table. Replace cables if damaged. Inspect cables for routing, clamp security, lugs and cleanliness.	200				X	X	
24-00	3) Visually inspect all cable connections on the nose and main landing gears. Replace cables if damaged. Inspect cables for routing, clamp security, lugs and cleanliness.	700				X	X	
24-00	4) Visually inspect all cable connections in the L.H. wing. Replace cables if damaged. Inspect cables for routing, clamp security, lugs and cleanliness.	500				X	X	
24-00	5) Visually inspect all cable connections in the R.H. wing. Replace cables if damaged. Inspect cables for routing, clamp security, lugs and cleanliness.	600				X	X	
24-00	6) Visually inspect the battery relay and the ground power unit relay (front battery option). Check attachments, lugs and terminal covers.	100				X		
24-00	7) Check all cable connections to engine and accessories, engine mount, firewall. Replace cables if damaged. Inspect cables for routing, clamp security, cleanliness, lugs and terminal covers.	100				X	X	

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			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
24-00	8) Visually inspect all cable connections in the vertical stabilizer. Replace cables if damaged. Inspect cables for routing, clamp security, lugs and cleanliness.	300				X	X	
24-30	DC generation							
24-30	1) Remove the battery. Inspect the battery tray and the shims for condition, cracks and corrosion. Install the battery - refer to 24-30-02 201.	000				X	X	
24-30	2) Check battery electrolyte level, condition of lugs and inspect for evidence of oxidation - refer to 24-30-02 201.	000		X	X	X	0	NOTE 1
24-30	3) Visually inspect (do not remove) the electrical power system (switch-breakers on panel, breakers on side panel, printed circuits on the firewall L.H. door) and (if installed) the Radio-Master-Switch forward of the circuit breaker panel. Check fuses, markings, pins, lugs and attach fittings.	200				X	X	
24-30	4) Visually inspect the voltage regulator and (if installed) the overvoltage relay, inspect support, attach fittings and cables - refer to 24-30-00 201.	200				X		
24-30	5) Perform an overhaul of the alternator.	100						Associated with engine overhaul
24-30	6) Visually inspect the alternator, attach fittings, noise filter and connections.	100				X	X	
24-30	7) Check the condition and tension of the alternator belt - refer to 24-30-01 201. Check the tension of a new belt after the first 25 operating hours. Refer to the latest issue of LYCOMING Service Instruction 1129, for belt tension adjustment.	100	X	X	X	X	0	NOTE 1

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
24-40	External power							
24-40	1) Visually inspect the ground power receptacle (if installed) for corrosion and check cable security and connections.	200				X	X	
25-00	EQUIPMENT AND FURNISHINGS							
25-10	Flight compartment							
25-10	1) Visually inspect attaching hardware, connections and markings on flight control instruments.	200				X	X	
25-10	2) Remove the covers forward of the instrument panel(s) and tilt the instrument panel(s).	200			X	X	X	
25-10	3) Visually inspect the sunvisors, (if installed), check attaching hardware and hinges.	200				X		
25-10	4) Visually inspect the front seats for overall condition, the struts and the adjusting system. Perform an operational test, check correct locking of front seats - refer to 25-11-00 201.	200				X	X	
25-10	5) Visually inspect the rear bench for overall condition, the anchoring and locking systems. Tilt the backrest to perform an operational test, check attaching hardware - refer to 25-12-00 201.	200				X	X	
25-10	6) Remove the front seats and the rear bench - refer to 25-11-00 201, 25-12-00 201.	200				X	X	
25-10	7) Remove floor carpets and mats.	200				X		
25-10	8) Visually inspect cabin furnishings (upholstery panels, ashtrays) for overall condition, wear and security.	200				X		
25-10	9) Remove the upholstery panels and the sound-proofing panels.	200				X		
25-10	10) Thoroughly inspect the supports and the struts of front seats and locking points of rear bench for cracks and corrosion.	200				X		

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			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
25-10	11) Thoroughly inspect the harnesses and safety belts, the reels and the anchor points. Inspect for cracks and corrosion. Perform an operational test, check locking - refer to 25-13-00 201.	200				X	X	
25-10	12) Install the sound-proofing panels and the cabin upholstery panels.	200				X		
25-10	13) Tilt the instrument panel(s) back into position and install the covers forward of the instrument panel(s).	200			X	X	X	
25-10	14) Install floor carpets and mats.	200				X		
25-10	15) Install the rear bench.	200				X		
25-10	16) Install the front seats and perform an operational test. Check locking in all positions.	200				X		
25-50	Cargo compartments							
25-50	1) Visually inspect baggage attaching straps in compartment, inspect anchor points for cracks and corrosion.	200				X	X	
25-60	Emergency equipment							
25-60	1) Visually inspect emergency locator transmitter (if installed), check validity date of the battery(ies), attaching hardware, antenna, connector, and surface condition - refer to 05-10-00 1 and 25-61-00 601.	200				X	X	100 hrs or 6 months
25-60	2) Inspect external antenna of emergency locator transmitter (if installed) and remote control system for condition and security.	200				X	X	
25-60	3) Perform an operational test of the emergency locator transmitter (if installed) ; perform a test with the remote control system on instrument panel and a test with the control built into the emergency locator transmitter - refer to 25-61-01 201. <u>ELT 96/97</u> Perform three consecutive "AUTO TEST" sequences - refer to User's Manual.	000				X	X	100 hrs or 6 months

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
25-60	Emergency locator transmitter ELT 90, ELT 91, ELT 96 or ELT 97 (if installed). 4) Replace upper and lower seals.	000						12 years
26-00	FIRE PROTECTION							
26-20	Extinguishing (if installed)							
26-20	1) Check the expiry date of the fire extinguisher (if installed). Visually inspect the fire extinguisher and its anchor points. Check nozzle for obstruction - refer to 26-20-01 201.	200				X	X	
26-20	2) Replace the fire extinguisher (if installed).	200						10 years
27-00	FLIGHT CONTROLS							
27-00	General							
27-00	1) Visually inspect the roll control behind the instrument panel for R.H. and L.H. gimbal joint play.	200			X			
27-00	2) Visually inspect the control wheels for security on torque tubes.	200				X		
27-00	3) Visually inspect roll stops and ball joints for condition and play.	200				X		
27-00	4) Visually inspect the roll control, behind the instrument panel, for R.H. and L.H. gimbal joint play, the pylon and check that the control wheel can move forth and back without resistance.	200				X	X	
27-00	<u>S / N 275 - 9999</u> 5) Visually inspect the elevator trim tab control linkage (cables, pulleys) for play - refer to 27-30-03 601, 20-00-07 201.	200				X		

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			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
27-00	<u>S / N 1 - 9999</u> 6) Visually inspect the flight controls control linkage (along the 3 axes) for play, check cabin sealing bellows for condition : - roll - refer to 27-10-00 201, - rudder and elevator - refer to 27-20-00 201, 27-30-00 201. NOTE : Make sure that flight control stops are reached before rudder and elevator control stops.	200				X		
27-00	7) Visually inspect the rudder trim tab control linkage (ball control) for play - refer to 27-20-04 201.	200				X		
27-00	8) Check control surfaces for travel, efficiency and direction of flight controls : - pitch - refer to 27-30-00 201, - elevator trim tab - refer to 27-30-03 501, - rudder - refer to 27-20-00 201, - rudder trim tab - refer to 27-20-04 201, - roll - refer to 27-10-00 201, - wing flaps - refer to 27-50-00 501.	000				X		
27-10	Roll							
27-10	1) Visually inspect the visible portions of L.H. aileron rods.	500					X	
27-10	2) Visually inspect the roll control linkage in L.H. wing, inspect bellcranks, attaching hardware, check play, look for wear, interference and corrosion - refer to 27-10-00 201.	500				X		
27-10	3) Visually inspect the visible portions of R.H. aileron rods.	600					X	
27-10	4) Visually inspect the roll control linkage in R.H. wing, inspect bellcranks, attaching hardware, check play, look for wear, interference and corrosion - refer to 27-10-00 201.	600				X		
27-20	Rudder							
27-20	1) Visually inspect the rudder and trim tab input rods in the rear fuselage.	200				X	X	

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			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
27-20	2) Visually inspect the adjustable end of the rudder control (on control surface side).	200				X	X	
27-20	3) Visually inspect the nose landing gear/rudder interconnection rods on rudder pedals, check cabin sealing bellows, bellcranks and attaching hardware for condition - refer to 27-20-01 201.	200				X	X	
27-20	4) Visually inspect the adjustable end of the rudder trim tab control (on control surface side).	300				X	X	
27-30	Elevator							
27-30	1) Remove the servo-actuator of the electrical pitch trim control (if installed). Check setting and inspect for corrosion - refer to 27-30-06 201, 22-11-00 201 and 22-12-00 201. Install the servo-actuator.	200				X	X	
27-30	2) Visually inspect the elevator and trim tab control input rods in the rear fuselage.	200				X	X	
27-30	3) Visually inspect the support of the electrical pitch trim control servo-actuator and its attach fittings (if installed).	200				X	X	
27-30	4) Visually inspect the stall warning device, check attach fittings and connectors - refer to 27-30-04 201.	500				X		
27-30	5) Visually inspect the adjustable end of the elevator and the trim tab (on control surface side).	300				X	X	
27-50	Wing flaps							
27-50	1) Visually inspect the flap relays, check attach fittings and lugs.	200				X		
27-50	2) Visually inspect the flap actuator and the supports for cracks. Using a mirror, inspect for cracks on frame C4 - refer to 27-50-01 201.	200				X		500 hrs
27-50	3) Visually inspect the flap controls and the indicator - refer to 27-50-01 201.	200				X	X	

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			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
27-50	4) Visually inspect (do not remove) the L.H. flap control rods.	500				X	X	
27-50	5) Remove and clean the L.H. flap control bellcranks. Perform a detail examination. Lubricate. Install.	500				X		1000 hrs
27-50	6) Visually inspect (do not remove) the flap control linkage for security of attach fittings, play, evidence of wear, interference and corrosion - refer to 27-50-01 201.	000				X		1000 hrs
27-50	7) Visually inspect (do not remove) the R.H. flap control rods.	600				X	X	
27-50	8) Remove and clean R.H. flap control bellcranks. Perform a detail examination. Lubricate. Install.	600				X		1000 hrs
28-00	FUEL							
28-00	General							
28-00	1) Inspect the fuel system for tightness (from the electric pump to the power plant equipment) - refer to 28-00-00 201.	000			X	X	0	NOTE 1
28-10	Storage							
28-10	1) Perform an operational test of the L.H. fuel tank cap and check the seal condition - refer to 28-10-00 301.	500				X	X	
28-10	2) Inspect the L.H. fuel tank for condition - refer to 28-10-00 601.	500				X		
28-10	3) Inspect the draining holes located on the non-sealed ribs of the L.H. fuel tank for partial or total obstruction with sealing compound or any other deposit.	500				X		
28-10	4) Inspect the draining holes located under the low level detector box (if installed) of the L.H. fuel tank for partial or total obstruction with sealing compound or any other deposit.	500				X		
28-10	5) Visually inspect the L.H. fuel tank air vent pipes for condition, security and obstruction.	500				X	X	

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
28-10	6) Perform an operational test of the R.H. fuel tank cap and check the seal condition - refer to 28-10-00 301.	600				X	X	
28-10	7) Inspect the R.H. fuel tank for condition, clean if necessary - refer to 28-10-00 601.	600				X		
28-10	8) Inspect the draining holes located on the non-sealed ribs of the R.H. fuel tank for partial or total obstruction with sealing compound or any other deposit.	600				X		
28-10	9) Inspect the draining holes located under the low level detector box (if installed) of the R.H. fuel tank for partial or total obstruction with sealing compound or any other deposit.	600				X		
28-10	10) Visually inspect the R.H. fuel tank venting system for condition, security and obstruction.	600				X	X	
28-20	Distribution							
28-20	<u>S / N 731 - 9999</u> 1) Visually inspect the electric pump, the support, the unions, the vent hose and the connections.	200				X	X	
28-20	<u>S / N 1 - 9999</u> 2) Visually inspect the fuel lines for routing and leaks.	200				X	X	
28-20	<u>S / N 731 - 9999</u> 3) Visually inspect the fuel selector - refer to 28-20-02 201.	200				X	X	
28-20	4) Clean or replace the filtering element of the fuel selector, check the support - refer to 28-20-02 201.	200				X		300 hrs or 1 year
28-20	5) Inspect the fuel selector drain support for corrosion.	200				X		
28-20	6) Replace the hose located between the filter/ selector assembly and the drain - refer to 28-20-02 201.	200				X		
28-20	<u>S / N 1 - 9999</u> 7) Perform an operational test of the fuel tank selector cock - refer to 28-20-04 201.	200				X	X	

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
28-20	8) Visually inspect the fuel outlet union on the L.H. wing ; check the line, the support and the grommet ; clean the strainer - refer to 28-20-03 201.	500				X		
28-20	9) Visually inspect the fuel outlet union on the R.H. wing ; check the line, the support and the grommet ; clean the strainer - refer to 28-20-03 201.	600				X		
28-20	<u>S / N 1 - 730</u> 10) Visually inspect the electric pump, the support, the unions, the vent hose and the connections.	100				X	X	
28-20	11) Clean or replace the fuel filter located close to the electric pump, check the support - refer to 28-20-02 201.	100		X	X	X	0	NOTE 1
28-20	12) Visually inspect the check-valve (if installed) - refer to 28-20-05 201.	100				X	X	
28-20	<u>S / N 1 - 9999</u> 13) Visually inspect the engine fuel lines for routing and leaks. Inspect for evidence of interference and wear.	100				X	X	
28-40	Indicating							
28-40	1) Remove the L.H. tank float gages (if installed). Check the floats for porosity and travel, check the tracks and the seal for condition. Install the float gages - refer to 28-40-01 401.	500				X		
28-40	2) Remove the L.H. tank capacitor gages (if installed). Check the sensors for condition, check the transmitter for corrosion or deposits, check the connections for security. Replace the O-ring seal. Install the capacitor gages - refer to 28-40-01 401.	500				X		

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
28-40	3) Remove the R.H. tank float gages (if installed). Check the floats for porosity and travel, check the tracks and the seal for condition. Install the float gages - refer to 28-40-01 401.	600				X		
28-40	4) Remove the R.H. tank capacitor gages (if installed). Check the sensors for condition, check the transmitter for corrosion or deposits, check the connections for security. Replace the O-ring seal. Install the capacitor gages - refer to 28-40-01 401.	600				X		
30-00	ICE AND RAIN PROTECTION							
30-10	Airfoil							
30-10	1) Check the liquid level of the airfoil de-icing system (if installed) - refer to 30-09-90 101.	200	X					
30-10	2) Remove cover plate 244L and inspection door 216C, slightly lift and hold the de-icing system tank (if installed). Inspect the inner face of the fuselage skin under the tank for corrosion. Install tank, cover plate and inspection door - refer to 30-09-90 301.	200						5 years
30-10	3) Check the de-icing system (if installed) - refer to 30-09-90 301.	200		X	X	X	0	NOTE 1
30-10	4) Visually inspect the porous leading edges (if installed) on the L.H. wing.	500			X	X	0	NOTE 1
30-10	5) Visually inspect the porous leading edges (if installed) on the R.H. wing.	600			X	X	0	NOTE 1
30-10	6) Visually inspect the porous leading edges (if installed) on the stabilizers.	300			X	X	0	NOTE 1
30-60	Propeller							
30-60	1) Check the fluid level of the propeller de-icing system (if installed) - refer to 30-60-00 201.	100	X	X	X	X	0	NOTE 1

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
30-60	2) Visually inspect the propeller de-icing system components (if installed) : tank, flange - refer to 30-60-00 201.	100			X	X	0	NOTE 1
30-60	3) Visually inspect the supply lines of the propeller de-icing system (if installed) for routing, and condition of attach fittings - refer to 30-60-00 201.	000		X	X	X	0	NOTE 1
31-00	INDICATING AND RECORDING SYSTEMS							
31-10	Instrument and control panels							
31-10	1) Check the instrument panels and the central pedestal for condition and security.	200				X		
31-20	Independent instruments							
31-20	1) Check the clock and the chronometer for correct operation (if installed). Perform a calibration using an accurate external instrument.	200				X	X	
31-50	Central warning systems							
31-50	1) Visually inspect the advisory panel, check for legibility, security, lug crimping, cable condition and routing ; test the indicator lights - refer to 31-50-01 201.	200				X		
32-00	LANDING GEAR							
32-10	Main landing gear							
32-10	1) Visually inspect the main landing gear bodies and rocker beams for cracks and distortion ; thoroughly inspect the shock absorber and hinged strut attachment bosses.	700				X	X	
32-10	2) Visually inspect the main landing gear doors, the hinges and the control rod, inspect for security, excessive play, cracks and distortion.	700				X	X	

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
32-10	3) Visually inspect the main landing gear axles and hinge bearings for cracks, distortion, evidence of wear and corrosion. Check for excessive play ; a friction mark on the stop stiffener shows that the play in the bearing ball joint is excessive.	700				X	X	
32-10	4) Check the main landing gear shock absorbers for inflation and leaks - refer to 12-14-02 301.	700				X	X	
32-20	Nose landing gear							
32-20	1) Visually inspect the nose landing gear leg, the sliding body and the fork for cracks and distortion ; thoroughly inspect the half-scissors and hinged strut attachment bosses. Remove, inspect and reinstall the half-scissors - refer to 32-20-03 201.	700				X	X	
32-20	2) Visually inspect the nose landing gear leg, the sliding body and the fork for cracks and distortion ; thoroughly inspect the half-scissors and hinged strut attachment bosses. In case of doubt, remove, inspect and reinstall the half-scissors - refer to 32-20-03 201.	700			X			
32-20	3) Visually inspect the nose landing gear axles, bushings and hinge bearings ; check for evidence of wear and excessive play.	700				X	X	
32-20	4) Check the nose landing gear shock absorber for inflation and leaks - refer to 12-14-02 301.	700				X	X	
32-20	5) Visually inspect the nose landing gear door, check the attach fittings and look for cracks and distortion.	700				X	X	
32-20	6) Visually inspect the nose landing gear mount for cracks.	700			X		0	NOTE 1

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
32-20	7) Thoroughly examine the whole nose landing gear mount. Fluorescent dye penetrant inspect the attach fittings and mount for cracks and distortion ; check for protection and absence of interference - refer to 32-20-01 201.	700				X		
32-20	8) Check that the nose landing gear mount is correctly attached to the firewall. Check the red painted marks on the bolts for alignment.	700			X	X	0	NOTE 1
32-20	9) Visually inspect the nose landing gear wheel-centering device.	700			X	X	0	NOTE 1
32-20	10) Visually inspect the nose landing gear interconnection system and check the levers for condition.	700				X	X	
32-30	Extension and retraction							
32-30	1) Visually inspect the landing gear microswitches, electrical wiring and attach fittings - refer to 32-60-01 201, 32-30-07 201.	700			X	X	0	NOTE 1
32-30	2) Visually inspect the landing gear relays, electrical wiring and attach fittings.	200				X		
32-30	3) Visually inspect the landing gear hydraulic generator and check for leaks. Check fluid level - refer to 12-13-03 301.	200			X	X	0	NOTE 1
32-30	4) Check the brushes of the PRESTOLITE hydraulic generator for condition.	200				X		1000 hrs
32-30	5) Perform an overhaul and a bench test of the PRESTOLITE hydraulic generator.	200						2000 hrs
32-30	6) Replace the LHC hydraulic generator seals.	200						5 years
32-30	7) Perform an overhaul of the LHC hydraulic generator.	200						7500 hrs or 15 years
32-30	8) Visually inspect the landing gear hydraulic system pressure switch.	200				X		
32-30	9) Visually inspect the landing gear hydraulic system emergency valve. Check for leaks at the unions and check the control for condition.	200				X	X	

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
32-30	10) Visually inspect the landing gear hydraulic system tubes for evidence of leaks and wear ; check the routing ; check the attach fittings and the unions for condition and interference.	200				X		500 hrs
32-30	11) Replace the landing gear actuating cylinders.	700						30000 cycles
32-30	12) Visually inspect the 3 actuating cylinders and the attach fittings ; check for leaks and check the moving parts for evidence of wear or shock marks.	700				X	X	
32-30	<u>Landing gear struts without grease nipples</u> 13) Remove the front part of the nose landing gear strut and remove the main landing gear struts. Thoroughly inspect the struts for excessive play, cracks, distortion and evidence of corrosion. Lubricate the inner flanks of the yokes, the axles and the ball joints - refer to the latest issue of SOCATA SB 45. Install the struts - refer to 32-30-04 201, 32-30-03 201.	700				X		500 hrs or 1 year
32-30	<u>All</u> 14) Visually inspect the nose landing gear and main landing gear struts for excessive play, cracks, distortion and evidence of corrosion.	700			X	X	0	NOTE 1
32-30	15) Visually inspect the nose landing gear extension compensating cylinders (gas struts) and the attach fittings ; check for evidence of wear and corrosion.	700				X	X	
32-30	16) Visually inspect the main landing gear emergency extension springs and the attach fittings ; check for evidence of wear and corrosion.	700				X	X	
32-30	17) Change the landing gear hydraulic fluid and replace the emergency valve seals - refer to 12-13-03 301, 12-13-04 301, 32-35-02 201.	200						3 years

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
32-30	18) Perform an operational test of the landing gear operating mechanism and indicating system, normal and emergency configurations - refer to 32-30-00 201 ; also check the nose landing gear setting - refer to 32-20-00 501.	000			X	X	0	NOTE 1
32-30	19) Test the nose landing gear compensating cylinders - refer to 32-30-06 201 and, if necessary, test the main landing gear compensating springs - refer to 32-30-05 201.	000			X	X	0	NOTE 1
32-30	<u>Post-MOD. 151</u> 20) Check the travel of the retractable footsteps and their interconnection with the main landing gears.	000			X	X	0	NOTE 1
32-40	Wheels and brakes							
32-40	1) Visually inspect the master cylinders. Check the brake system for condition, attachment, union security and tightness.	200				X	X	
32-40	2) Visually inspect the brake pedals and system, check attach fittings and clearances.	200				X		
32-40	3) Visually inspect the parking brake system (including the cock and the indicating circuit), check attach fittings and look for leaks.	200				X		
32-40	4) Remove and check main landing gear wheel caps 737 and 747 for condition - refer to 32-41-01 201.	700				X	X	
32-40	5) Deflate the tires and remove the wheels - refer to 12-14-01 301, 32-41-01 201, 32-41-02 201.	700				X	X	
32-40	6) Thoroughly fluorescent dye penetrant inspect the wheels and the wheel axles for cracks, distortion and evidence of wear and corrosion.	700				X	X	
32-40	7) Visually inspect (do not remove) the wheels for wear, distortion or cracks.	700			X			
32-40	8) Thoroughly inspect the wheel bearings.	700				X		

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
32-40	9) Visually inspect the tires ; look for evidence of uneven wear, cuts, distortion and displacement of the tire on the wheel.	700	X	X	X	X	X	
32-40	10) Inspect the brake hydraulic system unions for security and tightness.	700				X	X	
32-40	11) Remove and thoroughly inspect the braking system for condition, attachment, brake plate and disk wear ; look for cracks on the brake unit and thrust plate. Install the braking system - refer to 32-42-02 201.	700				X		
32-40	12) Visually inspect the braking systems for condition, attachment, brake plate and disk wear.	700	X	X	X		X	
32-40	13) Lubricate the bearings and the wheel axles ; install and inflate the wheels - refer to 12-14-01 301, 12-21-05 201, 32-41-01 201, 32-41-02 201.	700				X	X	
32-40	14) Install main landing gear wheel caps 737 and 747 - refer to 32-41-01 201.	700				X	X	
32-40	15) Check tire inflation pressures - refer to 12-14-01 301.	700	X	X	X			
32-40	16) Visually inspect the brake hydraulic reservoir. Check fluid level - refer to 12-13-01 301.	100	X	X	X	X	X	
32-40	17) Change the brake hydraulic fluid - refer to 12-13-01 301, 12-13-02 301.	100						3 years
32-50	Steering							
32-50	1) Visually inspect the nose landing gear wheel-centering device for cracks and distortion ; check the PTFE end pieces for condition and attachment.	700				X		

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
33-00	LIGHTING							
33-10	Cockpit							
33-10	1) Visually inspect the cabin lighting system (instruments, fluorescent tubes, overhead light, postlights, controls, wiring, potentiometer, converter), the attach fittings and the routing.	200				X		
33-10	2) Visually inspect the control and indicating systems of the exterior lighting systems (anti-collision lights, navigation lights, lamps, strobe lights and identification lights), the attach fittings and the routing.	200				X		
33-40	Exterior lighting							
33-40	1) Visually inspect the rear navigation light (if installed), the strobe light(s) and check the attach fittings.	200				X		
33-40	2) Visually inspect the flashing unit(s) (if installed), check connections and attach fittings for condition.	200				X		
33-40	3) Visually inspect the navigation lights on the L.H. wing, the lamps and (if installed) the anti-collision and identification lights. Check the domes, glasses, supports and attach fittings for condition. Check the setting of the lights - refer to 33-40-01 201.	500				X		
33-40	4) Visually inspect the navigation lights on the R.H. wing and (if installed) the anti-collision and identification lights. Check the domes, glasses, supports and attach fittings for condition.	600				X		
34-00	NAVIGATION							
34-00	General							
34-00	1) Visually inspect the racks, units and control units of the navigation systems (if installed), check attach fittings and wiring for routing and interference.	200				X		

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
34-00	2) Visually inspect the antennas (if installed).	200				X		
34-00	3) Visually inspect the cables of the antennas (if installed), check attach fittings and check for routing and interference.	200				X		
34-00	4) Check VFR equipment (if installed). NOTE : Must be performed by an approved radio center in compliance with the regulation in force in the country of use. (Examples : - FAR Part 91.411 and 91.413 : 24 months, - GSAC Instruction bulletin P-41-15, Ed. 1 dated September 2000 : . operational test plus flight check every 4 years maximum, . check on test bench every 6 years for equipment with French type approval prior to January 1, 1980 - refer to GSAC Instruction bulletin P-04-30.).	200				X	X	
34-00	5) Check IFR equipment (if installed). NOTE : Must be performed by an approved radio center in compliance with the regulation in force in the country of use. (Examples : - FAR Part 91.411 and 91.413 : 24 months, - GSAC Instruction bulletin P-41-15, Ed. 1 dated September 2000 : . operational test plus flight check every 18 months maximum, . check on test bench every 3 years for equipment with French type approval prior to January 1, 1980 - refer to GSAC Instruction bulletin P-04-30.).	200				X	X	

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
34-10	Flight environment data							
34-10	1) Visually inspect the air data systems (connectors, hoses, unions, attach fittings) and check for routing.	200				X		
34-10	2) In case of frequent flights in highly humid atmosphere, drain the normal static pressure system and (if installed in rear fuselage) the emergency system - refer to 34-11-00 201.	200			X	X		
34-10	3) Drain the normal static pressure system and (if installed in rear fuselage) the emergency system - refer to 34-11-00 201.	200				X	X	
34-10	4) Perform a tightness test on air data systems and check the associated instruments - refer to 34-11-00 201.	200				X		300 hrs or 3 years
34-10	5) Visually inspect the pitot tube and the dynamic pressure system in the L.H. wing. Check the hoses and their attach fittings for condition.	500				X	X	
34-10	6) Visually inspect the pitot tube (if installed) and the dynamic pressure system in the R.H. wing. Check hoses and attach fittings for condition.	600				X	X	
34-20	Attitude and direction							
34-20	1) Visually inspect the slaved directional gyro (if installed). Check the attach fittings, the dampers, the wiring and the support ; look for cracks and evidence of corrosion.	200				X		
34-20	2) Check the flux valve (if installed) and the support for general condition, corrosion, attachment and wiring.	600				X		
34-20	3) Perform a compensation of the compass(es) - refer to 34-23-00 201.	200						3 years

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
34-40	Independent position determining							
34-40	1) Check the altimeter and/or the encoding altimeter or the altitude encoder. NOTE : Must be performed by an approved radio center in compliance with the regulation in force in the country of use. Example : FAR Part 91.411 and 91.413 = 24 months.	200				X	X	
34-50	Dependent position determining							
34-50	1) Check the transponder(s). NOTE : Must be performed by an approved radio center in compliance with the regulation in force in the country of use. Example : FAR Part 91.411 and 91.413 = 24 months.	200				X	X	
35-00	OXYGEN (IF INSTALLED)							
35-00	General							
35-00	1) Inspect the oxygen cylinder (if installed) for sealing, corrosion and distortion (swelling, crushing), attachment and hydrostatic test expiration.	200			X	X	0	NOTE 1
35-00	2) Check and disinfect the masks (if installed).	200					X	
35-00	3) Visually inspect the oxygen system (if installed). Thoroughly inspect and disinfect the masks. Perform an operational test - refer to 35-00-00 201.	200						2 years
35-00	4) Perform a hydrostatic test of the EROS oxygen cylinder (if installed).	200						3 years
35-00	5) Perform a hydrostatic test of the PURITAN BENNETT oxygen cylinder (if installed).	200						3 years or 4000 hrs
35-00	6) Perform a complete inspection of the PURITAN BENNETT masks (if installed).	200						4000 hrs
35-00	7) Perform a complete inspection of the EROS masks (if installed).	200						6 years

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
35-00	8) Replace the oxygen cylinder (if installed) - refer to 35-00-00 201.	200						24 years
37-00	VACUUM (IF INSTALLED)							
37-00	General							
37-00	1) Check the vacuum system paper filter (if installed) for cleanliness and condition, replace if necessary.	200				X		500 hrs or 1 year
37-00	2) Check the foam filter of the vacuum system regulating valve (if installed) for cleanliness and condition, replace if necessary.	200			X	X	X	
37-00	3) Check the normal vacuum system (if installed) - refer to 37-11-00 201.	000				X	X	
37-00	4) Check the emergency vacuum system (if installed) - refer to 37-12-00 201.	000				X	X	
37-00	5) Replace the emergency vacuum pump (if installed).	200						10 years or 500 pump hours
37-00	6) Replace the elapsed time indicator (if installed).	200						Replacement associated with emergency vacuum pump
37-00	7) Replace the vacuum system filter (SIGMATEK pump, if installed).	100				X	X	500 hrs
37-00	8) Replace the (mechanical) AIRBORNE vacuum pump drive (if installed).	100						Recommended 6 years
37-00	9) Visually inspect the vacuum system vacuum pump, the unions, fittings and pipes (if installed). Check the drive for oil leaks.	100		X	X	X		

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
52-00	DOORS							
52-10	Access doors							
52-10	1) Visually inspect the cabin access doors, check the structure, the transparent material condition and check for distortion and cracks.	200				X	X	
52-10	2) Check the gas struts, hinges, seals, locks, rings and latches for condition.	200				X	X	
52-10	3) Thoroughly examine and fluorescent dye penetrant inspect the steel latches for cracks, check for distortion and interference.	200						2000 hrs
52-10	4) Check the small window(s) (if installed) for operation and check the seal(s) for condition.	200				X		
52-10	5) Partially debond the insulating canvas from the door lower area, thoroughly inspect the locking mechanisms. Lubricate - refer to 12-21-02 201 and rebond the canvas.	200				X		
52-10	6) Check the hooks and locks for adjustment and operation - refer to 52-10-00 201.	200				X		
52-30	Cargo doors							
52-30	1) Visually inspect cargo door (baggage compartment) 219 and its seal.	200				X	X	
52-40	Inspection doors							
52-40	1) Check the ground power receptacle door 216L (if installed) for condition and correct locking, check the location and condition of the label on the door inside (if installed).	200				X		
53-00	FUSELAGE							
53-00	General							
53-00	1) Visually inspect the firewall (front face) for loose rivets, distortion, cracks and evidence of corrosion. Inspect equipment for security.	100			X			

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
53-00	2) Thoroughly inspect the firewall (front and rear faces), forward table and central pedestal sides, for loose rivets, distortion, cracks and evidence of corrosion. Inspect equipment for security.	000				X	X	
53-00	3) Using a borescope, thoroughly inspect frames C0 and C1 [get access through frame C1 and, from S / N 731, through fuel service door 213 (and, 214 if installed)] for loose rivets, distortion, cracks and evidence of corrosion.	200				X		
53-00	4) Visually inspect (do not remove) the wing duct in the fuselage on cabin side and on wing spar side for loose rivets, distortion, cracks and evidence of corrosion.	200				X		
53-00	5) Visually inspect frames C2, C3, C4, C5, C6, C7 and C8 for loose rivets, distortion, cracks and evidence of corrosion.	200				X		
53-00	6) Visually inspect the flight control supports at frame C0 (rear), between frames C3 and C4, at frames C7 (front) and C9 (front). Inspect for loose rivets, distortion, cracks and evidence of corrosion.	200				X		500 hrs
53-00	7) Visually inspect frame C9, from the outside and directly for the accessible portion, and using a mirror for the inner portion. Inspect for loose rivets, distortion, cracks and evidence of corrosion.	200			X	X	0	NOTE 1
53-00	8) Visually inspect the inter-frame stringers for loose rivets, distortion, cracks and evidence of corrosion.	200				X		
53-00	9) Visually inspect the floor stiffeners and the cabin floor for loose rivets, distortion, cracks and evidence of corrosion.	200				X	X	
53-00	10) Visually inspect the inside of the fuselage skin for loose rivets, distortion, cracks and evidence of corrosion.	200				X		
53-00	11) Visually inspect (do not remove) the visible portions of the fuselage structure for loose rivets, distortion and evidence of corrosion.	200				X	X	

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
53-00	12) Visually inspect the anti-twist edges for loose rivets, distortion, cracks and evidence of corrosion.	200				X		
53-00	13) Visually inspect the footsteps for distortion and cracks especially near the attachment points, check the anti-skid material for condition.	200				X		
53-00	14) Visually inspect the air regulation NACA inlets and the access door bottom area for sealing and drainage.	200				X		
53-00	<u>Post-MOD. 151</u>	200				X		
	15) Remove vertical stabilizer root front fairing 225, visually inspect for cracks and security.							
53-00	16) Visually inspect the retractable footstep extension-retraction system, check the cable and the spring for condition.	700			X	X	0	NOTE 1
53-00	17) Install vertical stabilizer root front fairing 225.	200				X		
55-00	STABILIZERS							
55-00	General							
55-00	1) Check the control surfaces for freedom of rotation - refer to 27-10-00 201, 27-20-00 201 and 27-30-00 201.	300				X		
55-00	2) Check the play of the elevator hinge ball joints - refer to 55-20-01 201.	300				X		
55-00	3) Visually inspect the stabilizer and trim tab hinges. Perform an operational test.	300			X		X	
55-00	4) Visually inspect (do not remove) the visible portions of both elevator and vertical stabilizer, check for loose rivets, cracks and evidence of corrosion.	300					X	

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
55-20	Elevator							
55-20	1) Remove the elevator and inspect for loose rivets, cracks and evidence of corrosion - refer to 55-20-01 201. Lubricate the inside of the balancing boom - refer to 12-21-03 201. Visually inspect the elevator supports and hinges at frame C9. Install the elevator - refer to 55-20-01 201.	300				X		
55-20	2) Visually inspect the elevator hinge bearings. <u>S / N 1 - 1864, 1867 - 1869</u> Refer to the latest issue of SB 10-101-55.	300						1000 hrs or 2 years
55-20	3) Check the balancing weight and the boom for security and evidence of corrosion.	300			X	X	0	NOTE 1
55-30	Vertical stabilizer							
55-30	1) Visually inspect (do not remove) vertical stabilizer, structure, attachments at frames C7 and C8, hinge bearings, skins and check for loose rivets, distortion, cracks and evidence of corrosion.	300				X		
55-40	Rudder							
55-40	1) Visually inspect the rudder hinges and check for loose rivets, cracks and evidence of corrosion.	300					X	
55-40	2) Remove the rudder. Visually inspect the hinges and check for loose rivets, cracks and evidence of corrosion. Install the rudder - refer to 55-40-00 201.	300				X		
55-40	3) Check the balancing weight for attachment, and check for evidence of corrosion ; in case of doubt, remove the vertical stabilizer tip - refer to 55-40-00 201.	300			X	X	0	NOTE 1

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
56-00	WINDOWS							
56-00	General							
56-00	1) Visually inspect the windshield and the windows. Check the transparent material and the seals for condition and security.	200				X	X	
57-00	WINGS							
57-00	General							
57-00	1) Visually inspect the wing structure for corrosion - refer to 57-00-00 201. NOTE : For salty or highly humid operating atmospheres, the inspection shall be performed every 2000 hours or 3 years.	000						2000 hrs or 5 years NOTE
57-00	2) Thoroughly examine the spar flanges/skin junction from root to N4 rib for corrosion - refer to 57-00-00 201. NOTE : If PR is applied between (upper and lower surface) skin and spar for repair, do the inspection at 10000 hrs or 10 years.	000						4000 hrs or 8 years, then 2000 hrs or 4 years NOTE
57-10	Splicing							
57-10	1) Visually inspect all the wing splices, check for cracks and evidence of corrosion on the splices ; make sure the nuts have not rotated, in case of doubt, torque the nuts - refer to 20-00-01 201.	000				X	X	
57-10	2) Check the pins of the L.H. wing-to-fuselage front, main and rear attachments ; make sure the nuts have not rotated, in case of doubt, torque the nuts - refer to 20-00-01 201.	500				X	X	
57-10	3) Check the pins of the R.H. wing-to-fuselage front, main and rear attachments ; make sure the nuts have not rotated, in case of doubt, torque the nuts - refer to 20-00-01 201.	600				X	X	

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
57-20	WINGS							
57-20	1) Visually inspect the L.H. main-landing-gear attachment area for loose rivets, distortion, cracks and evidence of corrosion.	500			X	X	0	NOTE 1
57-20	2) Visually inspect the L.H. main-landing-gear hinged strut attachment bearing and the retraction actuator attachment fitting.	500			X	X	0	NOTE 1
57-20	3) Thoroughly inspect the L.H. main-landing-gear hinged strut attachment bearing - refer to the latest issue of SOCATA SB 10-080-57.	500						6000 ldg. or 4000 hrs, then 1500 ldg. or 1000 hrs
57-20	4) Visually inspect the L.H. spar for loose rivets, cracks, distortion and evidence of corrosion.	500				X		
57-20	5) Visually inspect the attach fittings and check the L.H. wing front attachment for cracks and evidence of corrosion.	500				X		
57-20	6) Visually inspect the attach fittings and check the L.H. wing rear attachment for cracks and evidence of corrosion.	500				X		
57-20	7) Visually inspect the attach fittings and check the L.H. wing main attachment spacers for cracks and evidence of corrosion.	500				X		
57-20	8) Visually inspect the L.H. wing ribs and inner skin for loose rivets, cracks, distortion and evidence of corrosion.	500				X		
57-20	9) Inspect the L.H. wing upper and lower surface skins for condition, inspect the anti-skid coating and anti-wear PTFE located at flap/wing junction for condition.	500				X	X	
57-20	10) Visually inspect the R.H. main-landing-gear attachment area for loose rivets, distortion, cracks and evidence of corrosion.	600			X	X	0	NOTE 1
57-20	11) Visually inspect the R.H. main-landing-gear hinged strut attachment bearing and the retraction actuator attachment fitting.	600			X	X	0	NOTE 1

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
57-20	12) Thoroughly inspect the R.H. main-landing-gear hinged strut attachment bearing - refer to the latest issue of SOCATA SB 10-080-57.	600						6000 ldg. or 4000 hrs, then 1500 ldg. or 1000 hrs
57-20	13) Visually inspect the R.H. spar for loose rivets, cracks, distortion and evidence of corrosion.	600				X		
57-20	14) Visually inspect the attach fittings and check the R.H. wing front attachment for cracks and evidence of corrosion.	600				X		
57-20	15) Visually inspect the attach fittings and check the R.H. wing rear attachment for cracks and evidence of corrosion.	600				X		
57-20	16) Visually inspect the attach fittings and check the R.H. wing main attachment spacers for cracks and evidence of corrosion.	600				X		
57-20	17) Visually inspect the R.H. wing ribs and inner skin for loose rivets, cracks, distortion and evidence of corrosion.	600				X		
57-20	18) Inspect the R.H. wing upper and lower surface skins for condition, inspect the anti-skid coating and anti-wear PTFE located at flap/wing junction for condition.	600				X	X	
57-30	Wing tips							
57-30	1) Visually inspect the L.H. wing tip attach fittings.	500				X	X	
57-30	2) Visually inspect the visible portions of the L.H. wing tip for loose rivets, cracks and distortion.	500				X	X	
57-30	3) Visually inspect the R.H. wing tip attach fittings.	600				X	X	
57-30	4) Visually inspect the visible portions of the R.H. wing tip for loose rivets, cracks and distortion.	600				X	X	

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
57-50	Wing flaps							
57-50	1) Visually inspect the L.H. flap attachment and hinge.	500			X		0	NOTE 1
57-50	2) Visually inspect the visible portions of the L.H. flap ; in case of doubt, remove the flap and inspect for loose rivets, cracks, distortion and evidence of corrosion - refer to 57-50-00 201.	500				X	X	
57-50	3) Visually inspect the L.H. flap hinge fittings, check the ball joints and the attach fittings.	500				X		
57-50	4) Visually inspect the R.H. flap attachment and hinge.	600			X		0	NOTE 1
57-50	5) Visually inspect the visible portions of the R.H. flap ; in case of doubt, remove the flap and inspect for loose rivets, cracks, distortion and evidence of corrosion - refer to 57-50-00 201.	600				X	X	
57-50	6) Visually inspect the R.H. flap hinge fittings, check the ball joints and the attach fittings.	600				X		
57-60	Ailerons							
57-60	1) Visually inspect the L.H. aileron attachment and hinge.	500			X		0	NOTE 1
57-60	2) Check the L.H. aileron balancing weight attach fittings for condition.	500			X	X	0	NOTE 1
57-60	3) Visually inspect the L.H. aileron hinge fittings, check the ball joints, the attach fittings and the stops.	500				X		
57-60	4) Visually inspect the visible portions of the L.H. aileron ; in case of doubt, remove the aileron and inspect for loose rivets, cracks, distortion and evidence of corrosion - refer to 57-60-00 201.	500				X	X	
57-60	5) Check the L.H. aileron for freedom of rotation - refer to 27-10-00 201.	500			X	X	0	NOTE 1
57-60	6) Visually inspect the R.H. aileron attachment and hinge.	600			X		0	NOTE 1

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
57-60	7) Check the R.H. aileron balancing weight attach fittings for condition.	600			X	X	0	NOTE 1
57-60	8) Visually inspect the R.H. aileron hinge fittings, check the ball joints, the attach fittings and the stops.	600				X		
57-60	9) Visually inspect the visible portions of the R.H. aileron ; in case of doubt, remove the aileron and inspect for loose rivets, cracks, distortion and evidence of corrosion - refer to 57-60-00 201.	600				X	X	
57-60	10) Check the R.H. aileron for freedom of rotation - refer to 27-10-00 201.	600			X	X	0	NOTE 1
61-00	PROPELLER							
61-10	Propeller assembly							
61-10	1) Remove and thoroughly inspect propeller spinner 111 for cracks, check the attach fittings - refer to 61-10-00 401.	100			X	X	0	NOTE 1
61-10	2) Perform an overhaul of the propeller.	100						Refer to 05-10-00
61-10	3) Perform an overhaul of the propeller governor.	100						Associated with engine overhaul
61-10	4) Check the grooved rubber on the de-iced propeller (if installed) for bonding and cleanliness - refer to 30-60-00 201.	100		X	X	X	0	NOTE 1
61-10	5) Visually inspect the propeller and the bulkhead(s) for impact marks and evidence of corrosion. Make sure that the strip is present on the bulkhead(s) (if installed).	100			X	X	0	NOTE 1
61-10	6) Check the propeller tightening torque - refer to 20-00-01 201.	100				X	X	
61-10	7) Install propeller spinner 111, make sure that washers are installed under the screw heads - refer to 61-10-00 401.	100			X	X	0	NOTE 1
61-10	8) Visually inspect the propeller governor.	100			X	X	0	NOTE 1

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
71-00	POWER PLANT							
71-10	Cowlings							
71-10	1) Visually inspect the attach fittings, the engine bulkheads and the baffles for integrity and security.	100				X	X	
71-20	Engine mount							
71-20	1) Thoroughly inspect the whole engine mount ; in case of doubt, perform a fluorescent penetrant inspection - refer to 20-00-14 301 and 71-20-00 201. Systematically perform a fluorescent penetrant inspection in case of engine removal.	100				X		
71-20	2) Visually inspect the engine mount for distortion, cracks, evidence of corrosion and interference. Check the protection - refer to 20-00-04 201 and 71-20-00 201.	100			X		0	NOTE 1
71-20	3) Visually check that the engine mount is correctly attached to the firewall. Check the red painted marks on the bolts for alignment.	100			X	X	0	NOTE 1
71-20	4) Check the engine attaching bolts for proper torque and check the vibration isolators for wear. In case of wear, replace all the vibration isolators - refer to 71-20-00 201.	100			X	X	0	NOTE 1
71-60	Air intake							
71-60	1) Visually inspect the inlet pipes, the manifolds and their attach fittings.	100		X	X	X	0	NOTE 1
71-60	2) Visually inspect the hoses (corrugated hoses).	100		X	X	X	0	NOTE 1
71-60	3) Visually inspect the air filter(s) - refer to the spare filter package instructions.	100		X	X	X	X	
71-60	4) Replace the air filter(s).	100						1 year
71-60	5) Visually inspect the deflectors, the inlet box and the air intake flap ; clean if necessary. Inspect for cracks and distortion, and check the attach fittings for condition.	100		X	X	X	0	NOTE 1

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ATA	OPERATIONS	Area	INSPECTIONS					Other
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	
71-60	6) Perform an operational test of the air intake flap.	100			X	X	0	NOTE 1
72-00	ENGINE							
72-00	General							
72-00	1) Perform an overhaul of the engine.	100						Refer to 05-10-00
72-30	Cylinders section							
72-30	1) Measure and record the cylinder compression values in the engine log book - refer to the latest issue of LYCOMING Service Instruction No. 1191.	100			X	X	0	NOTE 1
72-30	2) Check for oil leaks around the rocker-box covers. If necessary replace the seal and torque screws - refer to 20-00-01 201.	100		X	X	X	X	
72-30	3) Check that there is no evidence of overheat on the cylinders, indicated by burnt paint. In this case a fault exists inside the cylinder, and this must be repaired before returning the aircraft to service.	100		X	X	X	X	
72-30	4) Marked discoloration and seepage around the cylinder heads and cylinder barrel joints are usually due to the seepage of threading grease used at the factory for assembly of the cylinder or to slight gaseous leaks which will disappear once the cylinder has been operated for some time.	100		X	X	X	X	
72-30	5) In this case, neither the operation nor the performance of the engine is affected. If the leaks are more serious, replace the cylinder.	100		X	X	X	X	
72-30	6) Check cylinders visually for cracked or broken fins.	100			X	X	0	NOTE 1
72-30	7) Remove the rocker box covers. Check the rockers for freedom of movement when the valves are closed.	100				X		400 hrs

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			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
72-30	8) Look for evidence of abnormal wear or broken parts in the area of the valve tips, valve keeper, springs and spring seats. If any indications are found, the cylinder and all its components should be removed (including the piston and connecting rod assembly) for further investigation.	100				X		400 hrs
72-30	9) Replace any parts that do not conform with limits indicated in the latest issue of LYCOMING SSP 1776.	100				X		400 hrs
72-30	10) Apply the latest issue of LYCOMING Service Bulletin 388 about valve guide clearance check.	100				X		400 hrs
73-00	FUEL SYSTEM AND CONTROLS							
73-00	General							
73-00	1) Check the fuel system for leaks and security of the clamps.	100		X	X	X	0	NOTE 1
73-10	Fuel supply							
73-10	1) Visually inspect the mechanical fuel pump. Check attach fittings and connections on the engine pump and the pressure switch.	100		X	X	X	0	NOTE 1
73-10	2) Check the fuel pump vent line for clogging.	100				X		
73-10	3) Visually inspect the fuel hoses for condition, attachment and routing. Look for evidence of wear and interference.	100				X	X	
73-10	4) Visually inspect the flow distributor.	100		X	X	X	0	NOTE 1
73-10	5) Remove, clean, visually inspect and reinstall the fuel injector nozzles - refer to 73-10-02 201.	100				X		
73-10	6) Check the fuel injector nozzles for looseness - refer to 73-10-02 201.	100			X		0	NOTE 1
73-10	7) Check for discoloration at the fuel injector nozzles (evidence of leak) and check the lines for attachment - refer to 73-10-02 201 and the latest issue of LYCOMING Service Bulletin No. 342.	100			X	X	0	NOTE 1

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ATA	OPERATIONS	Area	INSPECTIONS					Other
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	
73-20	Fuel control							
73-20	1) Perform an overhaul of the injection pump.	100				X	X	Associated with engine overhaul
73-20	2) Visually inspect the injection pump, attach fittings and check for leaks.	100				X	X	
73-20	3) Remove and clean the injection pump fuel supply filter. Install the filter - refer to 73-20-01 301.	100		X	X	X	0	NOTE 1
73-30	Indicating							
73-30	<u>S / N 731 - 9999</u> 1) Visually inspect the fuel flow totalizer sensor under the cabin floor (if installed), check the unions and connections for condition.	200				X	X	
73-30	<u>S / N 1 - 730</u> 2) Visually inspect the fuel flow totalizer sensor on the engine mount (if installed), check the unions and connectors for condition.	100				X	X	
74-00	IGNITION SYSTEM							
74-10	Electrical power supply							
74-10	1) Visually inspect the attach fittings and the magneto selector connections for security.	200				X	X	
74-10	2) Perform an overhaul of the TCM magneto.	100						Associated with engine overhaul or 4 years
74-10	3) Check the TCM magneto, the attach fittings and the grounding. Refer to the latest issue of LYCOMING Service Bulletin No. 515 (SB 643 Teledyne Continental, Paragraphs 1 and 2B).	100						100 hrs or 1 year

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ATA	OPERATIONS	Area	INSPECTIONS					Other
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	
74-10	4) Check the TCM magneto, the attach fittings and the grounding. Refer to the latest issue of LYCOMING Service Bulletin No. 515 (SB 643 Teledyne Continental, Paragraphs 2A and 3).	100				X		500 hrs
74-10	5) Check breaker points for pitting and minimum gap.	100			X	X	0	NOTE 1
74-10	6) Check for excessive oil in the breaker compartment; if found, wipe dry with a clean lint-free cloth.	100			X	X	0	NOTE 1
74-10	7) The felt located at the breaker points should be lubricated in accordance with the magneto manufacturer's instructions.	100			X	X	0	NOTE 1
74-10	8) Check magneto to engine timing.	100			X	X	0	NOTE 1
74-20	Distribution							
74-20	1) Remove and thoroughly inspect the upper and lower spark plugs. If the spark plugs are fouled, clean and adjust gap, then permute upper and lower spark plugs - refer to 74-20-02 201.	100		X	X	X	0	NOTE 1
74-20	2) Check the conductors and the ceramics for corrosion and deposits. Clean the cable ends, spark plug walls and ceramics with a dry clean cloth or a clean cloth moistened with methyl-ethyl-ketone. Dry.	100		X	X	X	0	NOTE 1
74-20	3) Check ignition harness clamps for security and spark plug and magneto terminals for tight connection.	100		X	X	X	0	NOTE 1

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
76-00	ENGINE CONTROLS							
76-00	General							
76-00	1) Check travel and visually inspect attach fittings and routing of controls : - propeller governor, - alternate air, - mixture, - throttle.	000			X	X	0	NOTE 1
76-00	NOTE : Make sure that the powerplant stops are reached before the control unit stops.	000			X	X	0	NOTE 1
76-00	2) Ensure that there is no slack, and that the control friction knob on the pedestal is effective.	200				X	X	
77-00	ENGINE INDICATING							
77-00	General							
77-00	1) Visually inspect the attach fittings, the connections and markings of the engine indicating instruments - refer to 31-10-03 201.	200				X	X	
77-00	2) Visually inspect routing and condition of attach fittings, lines, connections and sensors of : - tachometer control system, - inlet pressure and fuel flow/pressure system.	000				X	X	
77-00	3) Visually inspect routing and condition of attach fittings, wires, connections and sensors of : - cylinder head temperature C.H.T. system (if installed), - exhaust gas temperature E.G.T. system (if installed).	000				X	X	
77-10	Power							
77-10	1) Replace the inlet pressure filter - refer to 77-10-02 201.	100				X		

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
78-00	EXHAUST							
78-00	General							
78-00	1) Visually inspect the exhaust pipe, the exchanger (and the muffler if installed), and thoroughly inspect the attach fittings, the casings and welds for cracks.	100		X				
78-00	2) Remove the heat exchanger and the exhaust pipe (and the muffler, if installed) - refer to 21-40-01 201, 78-00-00 201, 78-20-00 201.	100			X	X	0	NOTE 1
78-00	3) Thoroughly inspect the attach fittings, the tubes, the exhaust pipe, the exchanger (and the muffler, if installed). Look for welding defects and cracks on the inner and outer casings - refer to 78-00-00 201.	100			X	X	0	NOTE 1
78-00	4) Install the exhaust pipe and the exchanger (and the muffler, if installed) - refer to 78-00-00 201, 21-40-01 201, 78-20-00 201.	100			X	X	0	NOTE 1
78-10	Exhaust manifolds							
78-10	1) Check attaching flanges at exhaust outlets on cylinder for evidence of leakage. If found loose, the flanges must be removed and machined flat before they are reassembled and tightened.	100		X	X	X	0	NOTE 1
78-10	2) Inspect exhaust manifolds for general condition.	100		X	X	X	0	NOTE 1
78-20	Muffler							
78-20	1) Check the steel wool in the muffler (if installed) for condition - refer to 78-20-00 201. NOTE : After replacement of the steel wool, this check shall be performed at 300 hrs, then every 100 hrs until next replacement.	100			X	X	0	NOTE 1

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
79-00	LUBRICATION							
79-00	General							
79-00	1) Visually inspect the lubrication lines and connections on the engine cases and on the oil cooler(s), check the attach fittings and look for impact marks, wear, cracks and leaks.	100		X	X	X	0	NOTE 1
79-10	Storage							
79-10	1) Visually inspect the engine oil filler port, the oil gage and the base for leaks, and check attach fittings.	100				X	X	
79-20	Oil distribution							
79-20	1) Visually inspect oil cooler(s), support(s), attach fittings. Look for cracks and evidence of leaks.	100				X	X	
79-20	2) Check engine crankcase breather for obstruction.	100			X	X	0	NOTE 1
79-30	Indicating							
79-30	1) Visually inspect attach fittings, lines, connections, pressure transmitter and oil temperature probe for routing and condition.	000			X	X	0	NOTE 1
80-00	STARTING							
80-00	General							
80-00	1) Visually inspect the starter relay (battery at the rear), check the attach fittings, the lugs and the terminal covers.	200				X		
80-00	2) Perform an overhaul of the starter.	100						Associated with engine overhaul

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
80-00	3) Visually inspect the starter, the attach fittings and the connections. To adjust the clearance between the toothed ring and the LYCOMING starter drive gear, refer to the latest issue of TEXTRON LYCOMING Service Instruction No. 1447.	100				X	X	
80-00	4) Visually inspect the starter relay (if battery at the front), check attach fittings, lugs and terminal covers.	100				X		
	FINAL STEPS	000	X	X	X	X	X	
24-40	1) Disconnect the external power supply source (if installed).	200			X	X	X	
52-40	2) Install sealed inspection doors 513, 514 - refer to 52-40-00 201.	500				X		
57-30	3) Install wing tip 517 (if not riveted) - refer to 57-30-00 201.	500				X		
52-40	4) Install sealed inspection doors 613, 614 - refer to 52-40-00 201.	600				X		
57-30	5) Install wing tip 617 (if not riveted) - refer to 57-30-00 201.	600				X		
52-40	6) Install baggage compartment bottom door 242.	200	X		X	X	X	
52-40	7) Install landing gear hydraulic generator access door 238L.	200				X	X	
52-40	8) Install inspection doors 235L, 235R.	200				X	X	
52-40	9) Install battery access door 243 (battery at the rear). Check that it is correctly locked.	200	X	X	X	X	X	
52-40	10) Install inspection doors 211L, 211R, (if installed).	200				X	X	
24-30	11) Connect the battery, lubricate the terminals - refer to 24-30-02 201.	000	X	X	X	X	X	
52-40	12) Install inspection door 211R (if front battery option).	200	X	X	X			
52-40	13) Install firewall-mounted inspection doors 212L and (if installed) 212R.	200				X	X	

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
52-40	14) Install inspection doors 213L, 214 and (if installed) 213R.	200				X		
52-40	15) Install inspection door 214 (if installed).	200			X		X	
53-00	<u>Post-MOD. 151</u>	200			X	X	0	NOTE 1
53-00	16) Install retractable footsteps fairings 2111L and 2111R.							
53-00	<u>All</u>	000				X	X	
53-00	17) Install junction fairings 217R and 217L.							
53-00	18) Install cowlings under hull 218A and 218F.	200			X	X	X	
52-40	19) Install inspection doors 511, 512, 516 and (if installed) 515 - refer to 52-40-00 201.	500				X	X	
52-40	20) Install inspection doors 611, 612, 616 and (if installed) 615 - refer to 52-40-00 201.	600				X	X	
71-10	21) Install lower engine cowling 131 and upper engine cowling 121 - refer to 71-10-01 201.	100	X	X	X	X	X	
53-00	22) Install rear tail cone 222 - refer to 53-20-00 201.	200	X		X	X	X	
07-10	23) Lower the aircraft onto ground - refer to 07-10-00 201.	000			X	X	X	
	24) Check that all cowlings, access doors and fairings are correctly installed.	000	X	X	X	X	X	
	25) Perform a test run-up. Record the parameters (at engine shutdown) - refer to 05-30-02 201.	000	X	X	X	X	X	
71-10	26) After the test run-up, remove upper engine cowling 121 and lower engine cowling 131, and check for leaks (oil, fuel, air, exhaust gases). If everything is normal, reinstall the engine cowlings and check that they are correctly locked - refer to 71-10-01 201.	000	X	X	X	X	X	
	27) Perform a test flight - refer to 05-30-00 1 and 05-30-03 201.	000				X	X	

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ATA	OPERATIONS	Area	INSPECTIONS					
			1st 25 hrs	50 hrs	100 hrs	Major	Ann.	Other
71-10	28) After the test flight, remove upper engine cowling 121 and lower engine cowling 131, and visually inspect the whole engine compartment. If everything is normal, reinstall the engine cowlings and check that they are correctly locked - refer to 71-10-01 201.	000				X	X	
	29) Record this inspection in the aircraft maintenance files (airframe and engine log books).	000	X	X	X	X	X	

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