

NORMAL CHECKLIST C-172 DIESEL

GROUND	
PREFLIGHT INSPECTION	DONE
DOCUMENTS, PLANS	ON BOARD
SEATS, SEAT BELTS	ADJUSTED, LOCKED
ALTERNATE AIR	CLOSED
AVIONICS MASTER	CHECK OFF
AVTOPILOT	OFF
CIRCUIT BRAKERS	CHECK IN
THRUST LEVER	SET FRICTION, CHECK, IDLE
MASTER SWITCH	ON
FUEL QTY AND TEMP	CHECK, SET TANK
STARTING	
BRAKES	SET
FUEL PUMP, BEACON	ON
ENGINE MASTER	ON
LOAD DISPLAY	CHECK 0%
GLOW LAMP	CONFIRM OFF
PROPELLER AREA	CLEAR
STARTER	PRESS
OIL PRESSURE	CHECK
FUEL PUMP	OFF
AVIONICS MASTER	ON
RADIOS, ELECTRICAL EQUIPMENT	ON
CED, AED LIGHTS	RESET
WARM UP - ONLY UNTIL GREEN	
LOAD	IDLE FOR 2 MIN
LOAD AFTER 2 MIN	< 1400 RPM
TAXI - POSSIBLE WHEN WARM UP	
TIME	NOTE, START
BRAKES	CHECK
FLIGHT CONTROL	CHECK
GROUND CHECK	
BRAKES	SET
THRUST LEVER	IDLE
FADEC TEST, SUCTION CHECK	PERFORM
WARNING AND CAUTION LAMPS	OFF
ENGINE INSTRUMENTS	CHECK
FLIGHT INSTRUMENTS	CHECK AND SET
AVIONICS	SET
CABIN DOORS AND WINDOWS	LOCKED
BEFORE TAKE OFF	
FUEL	CHECK, DESIRED TANK
ELEVATOR TRIM	SET
FLAPS	AS REQUIRED
FUEL PUMP	ON

TAKE OFF	
THRUST LEVER	FULL FORWARD
LOAD DISPLAY	CHECK MIN 94%
ROTATE	Flap 10° ~45 IAS , Flap 0° ~55 IAS
CLIMB	
AT 200 FT AGL	FLAPS 0
SPEED	MIN 70 KIAS
LOAD	<= 80 % IF POSSIBLE, MAX 100 %
FUEL PUMP	OFF
CRUISE	
LOAD	~ 75 %
LOAD-TRAINING FLIGHT	~55 %
FUEL	CHANGE TANK EVERY 30 MIN
WARNING, CAUTION LAMPS	MONITOR
DESCENT	
LOAD	~ 35 %, MIN IDLE
FUEL	SET APROPRIATE TANK
WARNING, CAUTION LAMPS	MONITOR
BEFORE LANDING	
SEATS, SEAT BELTS	ADJUST, LOCK
FUEL PUMP	ON
FLAPS	AS REQUIRED, MIN 10°
SPEED	MIN 65 KIAS
AFTER LANDING	
FLAPS	0 °
FUEL PUMP	OFF
TRANSPONDER	OFF
STOPPING ENGINE	
BRAKES	SET
TIME	STOP
THRUST LEVER	IDLE
RADIOS, ELECTRICAL EQUIPMENT	OFF
AVIONICS MASTER	OFF
ENGINE MASTER	OFF
BEACON	OFF
MASTER SWITCH	OFF
CONTROL LOCK	AS REQUIRED
INCREASE SPEEDS WHEN HEAVY	
USE FUEL PUMP WHEN LOW FUEL	

