

MSFS

DHC-6 TWIN OTTER

SN: _____

Asobo · NORMAL PROCEDURES / FLIGHT CHECKLIST

COCKPIT PREPARATION	STARTING ENGINES
☐ BATTERY ON	☐ FIREWALL SHUTOFF VALVES (L / R) OPEN
☐ AVIONICS ON, INIT	☐ BOOST PUMPS (L & R) ON
☐ FUEL QUANTITY (L / R) CHECK / SET	☐ CONDITION LEVERS (L & R) FUEL CUTOFF
☐ FUEL CROSSFEED OFF	☐ IGN & START SW (L) START
☐ PARKING BRAKE SET	☐ Ng (LEFT) 12% MIN, LIGHT-OFF
☐ CIRCUIT BREAKERS CHECKED IN	☐ CONDITION LEVER (L) LOW IDLE
☐ FLIGHT CONTROLS FREE & CORRECT	☐ ITT RISE (L) MONITOR, 1000°C / 5S MAX
☐ TRIM SET FOR T/O	☐ OIL PRESSURE (L) CHECK RISING
☐ FLAPS UP	☐ SEQUENCE REPEAT FOR ENGINE R
☐ WEIGHT & BALANCE WITHIN LIMITS	☐ GENERATORS (L & R) ON, CHECK LOAD
AFTER START / BEFORE TAXI	TAXI
☐ AVIONICS CROSS-CHECK	☐ PARKING BRAKE RELEASE
☐ TRANSPONDER STBY, CODE SET	☐ TAXI LIGHT ON
☐ FLIGHT INSTRUMENTS CROSS-CHECK	☐ BRAKES CHECK
☐ FLAPS CYCLE CHECK	☐ FLIGHT CONTROLS CHECK FREE
☐ IDLE ITT (BOTH) CHECK STABLE	☐ TAXI SPEED AS REQ, SOFT-FIELD AWARE
TAKEOFF & CLIMB	
BEFORE TAKEOFF (RUN-UP)	TAKEOFF
☐ FLIGHT CONTROLS FREE & CORRECT	☐ POWER LEVERS SET T/O TORQUE
☐ TRIM SET FOR T/O	☐ ITT / TORQUE (BOTH) MONITOR, SYMMETRICAL
☐ CONDITION LEVERS (L & R) MAX	☐ AIRSPEED ALIVE CHECK
☐ PROP LEVERS (L & R) FULL FORWARD	☐ ROTATE 60-65 KIAS
☐ AUTOFEATHER ARM, TEST	☐ CLIMB SPEED Vy 80-85 KIAS
☐ ENGINE INSTRUMENTS CHECK GREEN	☐ FLAPS RETRACT ON SCHEDULE
☐ FLAPS SET FOR T/O, 10-20°	
☐ TAKEOFF BRIEFING COMPLETE	
CLIMB	CRUISE
☐ CLIMB POWER SET, TORQUE AS LIMIT	☐ POWER SET CRUISE TORQUE
☐ PROP RPM 1900-2000 RPM	☐ PROP RPM 1700-1900 RPM
☐ CLIMB SPEED 90-100 KIAS	☐ FUEL FLOW / BALANCE MONITOR, CROSSFEED AS REQ
☐ ITT (BOTH) MONITOR, 740°C MAX	☐ ALTITUDE TYPICALLY BELOW 10,000 FT

DESCENT, APPROACH & LANDING	
DESCENT	APPROACH
☐ POWER REDUCE ☐ DESCENT SPEED 140 KIAS MAX (Vmo 160) ☐ ALTIMETER SET LOCAL ☐ LANDING DATA REVIEW SHORT-FIELD SPEEDS ☐ APPROACH BRIEFING COMPLETE	☐ NAV / GPS SET APPROACH ☐ CONDITION LEVERS MAX ☐ FLAPS SET, 20-30° ☐ AUTOFEATHER ARMED
BEFORE LANDING	LANDING
☐ FLAPS FULL, 30-37.5° ☐ LANDING / TAXI LIGHTS ON ☐ PROP LEVERS FULL FORWARD ☐ APPROACH SPEED 65-70 KIAS	☐ POWER LEVERS FLIGHT IDLE / BETA ☐ PROPS CONFIRM GROUND RANGE ☐ BRAKES AS REQ ☐ DIRECTIONAL CONTROL RUDDER ☐ REVERSE (BETA) AS REQ
AFTER LANDING / TAXI IN	SHUTDOWN
☐ FLAPS UP ☐ TRIM RESET FOR TAXI ☐ AUTOFEATHER OFF ☐ TRANSPONDER STBY	☐ PARKING BRAKE SET ☐ CONDITION LEVERS LOW IDLE, COOL 2 MIN ☐ CONDITION LEVERS (L & R) FUEL CUTOFF ☐ GENERATORS (L & R) OFF ☐ BATTERY OFF, LAST

SIMULATION USE ONLY. This checklist covers normal cockpit flows for the default Asobo DHC-6 Twin Otter in Microsoft Flight Simulator and reflects commonly published PT6A-27 limitations (ITT / torque / start parameters) and the type's fixed, non-retractable landing gear for reference realism. It omits exterior inspection and physical maintenance items that are not modeled in the simulator. This is not an FAA-approved document and must not be used for actual flight — refer to the real aircraft's POH/AFM for authoritative procedures.

PIC: _____ AIRCRAFT: _____ DATE: _____ ROUTE: _____