

ATC 920 SIMULATOR

NORMAL PROCEDURES CHECKLIST

BEFORE START

SEAT BELTS ON
BATTERY ON, ___ VOLTS
EXTERNAL POWER ON or OFF
SEAT BELT/NO SMOKE SIGN ON
ANNUNCIATOR PANEL CHECKED
FIRE WARNING TESTED
FUEL CHECKED, ___ LBS
PARKING BRAKE SET
POWER/PROP/COND LEVERS SET

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CABIN DOOR/WARNING LIGHTS CLOSED/OUT
BEACON ON

AFTER START

EXTERNAL POWER OFF & REMOVED
GENERATORS RESET & ON
INVERTERS CHECKED & ON
ENGINE INSTRUMENTS CHECKED
AVIONICS MASTER ON
STALL WARNING HEAT ON
ENV MODE CONTROL AUTO
GYRO SUCTION CHECKED
ELECTRIC TRIM ON

TAXI

FLAPS TAKEOFF
FLIGHT CONTROLS CHECKED
TRIMS 3 CHECKED & SET
ALTIMETERS/FLT INSTR ___/CHECKED
RADIOS/NAV INSTR CHECKED & SET

BEFORE TAKEOFF

AUTO FEATHER CHECKED & ARMED
YAW DAMPER OFF
TAKEOFF DATA COMPUTED
TAKEOFF BRIEFING COMPLETE

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TRANSPONDER ON
ENV MODE CONTROL ON
BLEED AIR VALVE ON
PITOT HEAT ON & CHECKED
ICE PROTECTION OFF
AUTO IGNITION ARMED
CONDITION LEVERS HIGH IDLE
ANNUNCIATOR PANEL CLEAR

AFTER TAKEOFF

LANDING GEAR UP
FLAPS UP
YAW DAMPER ON
ICE PROTECTION OFF
AUTO IGNITION ARMED

CRUISE

POWER/PROP LEVERS SET
FUEL BALANCE & QUANTITY CHECKED

DESCENT

FUEL BALANCE & QUANTITY CHECKED
LANDING DATA COMPUTED
ALTIMETERS/FLT INSTR ___/CHKD
ICE PROTECTION OFF
AUTO IGNITION ARMED

APPROACH

APPROACH BRIEFING COMPLETE
RADIOS/NAV INSTR CHECKED & SET
AUTO FEATHER ARMED

BEFORE LANDING

LANDING GEAR DOWN/3 GREEN
FLAPS LANDING
PROP LEVERS FULL FORWARD
YAW DAMPER OFF

AFTER LANDING

CONDITION LEVERS LOW IDLE
FLAPS UP
TRIMS SET
PITOT HEAT OFF
ICE PROTECTION/AUTO IGNITION OFF
TRANSPONDER STANDBY

SHUTDOWN

PARKING BRAKE SET
AUTO FEATHER OFF
AVIONICS MASTER OFF
INVERTERS OFF
ENV MODE CONTROL OFF
BLOWERS OFF
POWER LEVERS FLIGHT IDLE
CONDITION LEVERS CUTOFF
PROP LEVERS FEATHER
BEACON OFF
BATTERY/GENERATOR SWITCHES OFF

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NORMAL PROCEDURES CHECKLIST

PREFLIGHT

PREFLIGHT INSPECTIONS COMPLETED
 MANUALS & DOCUMENTS ON BOARD
 CIRCUIT BREAKERS CHECKED
 STATIC AIR SELECTORS NORMAL
 BATTERY ON, ___ VOLTS
 STANDBY PUMPS CHECKED & OFF
 TRANSFER FLOW CHECKED & OFF
 GENERATOR SWITCHES OFF
 INVERTERS CHECKED & OFF
 AVIONICS MASTER OFF
 ICE PROTECTION OFF
 LANDING GEAR LEVER DOWN & TESTED
 FLAP HANDLE UP
 YAW DAMPER CHECKED & OFF
 ELECTRIC TRIM TESTED & OFF
 STALL WARNING TESTED
 BLEED AIR VALVES OPEN
 BLOWERS AUTO
 ENV MODE CONTROL OFF
 FIRE WARNING TESTED
 FIREWALL SHUTOFF HANDLES CHECKED
 ANNUNCIATOR PANEL TESTED
 FLIGHT INSTRUMENTS CHECKED & SET
 SEAT BELT/NO SMOKE SIGN ON
 LIGHTING CHECKED & SET

TAKEOFF SPEEDS (KIAS) FLAPS TAKEOFF		
WEIGHT	V1/VR	V2
16,600	108	115
16,000	107	114
14,000	102	112
12,000	102	112
10,000	102	112

LANDING REFERENCE SPEEDS (KIAS)		
LANDING WEIGHT	FLAP SETTING	
	LANDING	UP
16,100	113	129
14,000	107	122
12,000	101	116
10,000	93	107

POWER SETTINGS			
FLIGHT PHASE	AIRSPEED	TORQUE	RPM
TAKEOFF		MAX	MAX
CLIMB @1,000 AFE	140 KIAS	3000	1500
CRUISE	180 KIAS	2500	1500
CRUISE	140 KIAS	1700	1500
APPROACH	120 KIAS	1400	1500

*Use highlighted weight/speed categories

**Simulator will liftoff at approximately 100 KIAS