

PRE FLIGHT FLOWS

Download charts & NOTAMS
Check Weather & Forecasts
Load: PAX, CARGO, FUEL
File Flight-Plan (IVA0/VATSIM) for flying ONLINE



* Start SmartCARS.....SET Altitude & Route

PRE FLIGHT CHECKLIST

PARKING BRAKESET
BATTERY SWITCHON
PRIM FLIGHT COMPUTERSAUTO, GRD CLOSED
THRUST ASYMM COMPENSATIONAUTO
APU GEN SWITCH.....ON
IFE/PASS SEATSON
CABIN/UTILITYON
L + R BUS TIE SWITCHESAUTO
L + R GENERATOR CONTROL SWITCHESON
BACKUP GENERATOR SWITCHESON
APU SELECTORSTART >ON
NAV LIGHTSON
EXTERIOR LIGHTSAS REQUIRED
COCKPIT LIGHTSAS REQUIRED
EMERG EXIT LIGHTSARMED, GRD CLOSED
L + R PACK CONTROL SWITCHESAUTO
ADIRUON
FMCINIT POSITION

COCKPIT PREPARATION CHECKLIST

WINDOW HEATON
PRIMARY L + R ENG HYDR PUMPSON
PRIMARY C1 + C2 ELEC HYDR PUMPSOFF
L-C1-C2-R DEMAND HYDR PUMP SELECTORSOFF
NO SMOKING SIGNSAUTO/ON
SEAT BELTS SIGNS.....AUTO/ON
EEC MODE SWITCHESNORM
ENGINE START SELECTORSNORM
AUTOSTART SWITCHON
LEFT FWD FUEL PUMPON (PRESS-LIGHT OFF)
ANTI-ICEAS REQUIRED
EQUIP COOLINGAUTO
GASPER SWITCHON
RECIRC FANSON
FTL DECK TEMP CNTROLSAS REQUIRED
L + R PACK CONTROL SWITCHESAUTO
L + R TRIM AIR SWITCHESON
L-C-R ISOLATION VALVESAUTO
ENG + APU BLEED AIRON / AUTO
PRESSURIZATION PANELSET / AUTO

Request Flight-plan Clearance

ATISRECIEVED
FMCPROGRAMM
MCP: IAS – HDG – ALTSET
F/DON
A/TCHECK ARMED
LNAVAS REQUIRED
VNAVAS REQUIRED
FLIGHT INSTRUMENTSSET, NO FLAGS
AUTOBRAKERTO
COMM / AUDIO PANELSET

TRANSPONDER / TCASSET / TEST
AILERON + RUDDER TRIMSET 0 UNITS
TAKEOFF BRIEFINGCOMPLETE

BEFORE START CHECKLIST

Request Pushback & Startup Clearance

DOORSCLOSED (check DOOR Page)
GROUND EQUIPMENTDISCONNECTED
R ELEC DEMAND HYDR PUMPAUTO
PRIMARY C1 + C2 ELEC HYDR PUMPSON
L ELEC DEMAND HYDR PUMPAUTO
C1 + C2 AIR DEMAND HYDR PUMPSAUTO
L + R FUEL PUMPSALL ON
L + R CENTER FUEL PUMPSAS REQUIRED
PASSENGER SIGNSON
BEACONON
RECALLPUSH

ENGINE START CHECKLIST

ENGINE AREACLEAR
SEC DISPLAY UNITENGINE
ENGINE STARTANNOUNCE
ENGINE 1 START SELECTORSTART
ENGINE 1 FUEL CONTROL LEVERRUN
ENGINE 2 START SELECTORSTART
ENGINE 2 FUEL CONTROL LEVERRUN

BEFORE TAXI CHECKLIST

L + R GENERATORSON (LIGHTS OFF)
APU SELECTOROFF
ENG START SELECTORSNORM
L + R PACK CONTROL SWTCHS ..AUTO (LIGHTS OFF)
L-C-R ISOLATION VALVESAUTO (LIGHTS OFF)
ENG BLEED AIRON (LIGHTS OFF)
FLAPSSET ___ CONFIRM
STABILIZER TRIMSET ___ UNITS
FLIGHT CONTROLSFREE AND CORRECT
RECALLCHECK
LOWER DISPLAY UNITOFF
ANTI-ICEAS REQUIRED

Request Taxi Clearance

TAXI LIGHTSON
RWY TURN-OFF LIGHTSAS REQUIRED

TAXI CHECKLIST

TAXI to assigned runwaySPEED Max. 20 knots
BRKS/GYRO/TURN COORDINATOR.. CHECK during taxi

BEFORE TAKE-OFF CHECKLIST

PARKING BRAKESET
CABIN LIGHTSAS REQUIRED
FLIGHT INSTRUMENTSCHECK
ENGINE INSTRUMENTSCHECK
TAKE-OFF DATA(V1, VR, V2) CHECK
NAV EQUIPMENTCHECK

Request Takeoff Clearance

LANDING LIGHTS	ON
STROBE LIGHT	ON
TRANSPONDER	TA/RA
TFC	PUSH ON
CLOCK	START

AFTER TAKE-OFF CHECKLIST

POSITIVE RATE OF CLIMB	GEAR UP
AUTO-BRAKE	OFF
TAXI LIGHT	OFF
RWY TURN-OFF LIGHTS	OFF
CABIN LIGHTS	AS REQUIRED

CLIMB-OUT CHECKLIST

AUTOPILOT	ENGAGE (when suitable)
Passing TA (Transition-Altitude)	
ALTIMETER	SET STD (29.92 / 1013)
BELOW 10'000FT	MAX. 250 KIAS
ATC	AS REQUIRED
Passing 10'000 ft	
LANDING LIGHTS	OFF
FASTEN SEAT BELTS	OFF

CRUISE & DESCENT PREPARATION

ENGINE & INSTRUMENTS	MONITOR
FUEL QUANTITY	CHECK
LIGHTS	AS REQUIRED
Before TOD	
ATIS / AIRPORT INFORMATION	CHECK
ALTIMETER	CHECK
RADIOS	SET
RESET MCP ALTITUDE	CHECK
FMC APPR SPEED REF	SET
LOCALIZER FREQ	SET
Descent	
ANTI-ICE	AS REQUIRED
LANDING ALT	CHECK
RECALL	CHECK
RADIO ALT / BARO MIN	SET, CHECK
AUTO BRAKE	AS REQUIRED
APPROACH BRIEFING	COMPLETE
Passing TA (Transition-Altitude)	
ALTIMETER	RESET TO LOCAL
Below 10'000 ft	
SPEED	250 KIAS
LANDING LIGHTS	ON
PASSENGER SIGNS	ON

APPROACH CHECKLIST

ALTIMETER	CHECK
LOCALIZER FREQ	CHECK
LOCALIZER COURSE	CHECK
APPRCH	ARM
GLIDESLOPE ALIVE	GEAR DOWN
FLAPS	AS REQUIRED
SPEED BRAKE	ARM
LANDING FLAPS	SET

LANDING CHECKLIST

GO-AROUND ALTITUDE	SET
RWY TURN-OFF LIGHTS	ON
LANDING GEAR	CHECK DOWN
AUTOPILOT	AS REQUIRED
AUTO-THRUST	AS REQUIRED
After Touch-Down	
THRUST REVERSE	ENGAGE
AUTOPILOT	OFF
AUTOTHURST	OFF

AFTER LANDING CHECKLIST

TRANSPONDER	STANDBY
FLAPS	RETRACT
SPEED BRAKES	DOWN
LANDING LIGHTS	OFF
STROBE LIGHTS	OFF
TAXI LIGHTS	ON
CABIN LIGHTS	AS REQUIRED
ANTI ICE	AUTO / OFF
APU SELECTOR	ON
AUTO-BRAKE	OFF
RWY TURNOFF LIGHTS	OFF
APU GEN	START / CHECK VOLTS
Turning Into The Gate:	
TAXI LIGHTS	OFF

PARKING / SHUTDOWN CHECKLIST

PARKING BRAKES	SET
ENGINE FUEL CONTROL LEVERS	CUTOFF
GROUND CONTACT	ESTABLISH
GROUND OPERATIONS	AS REQUIRED (FMC)
PASSENGER SIGNS	OFF
BEACON LIGHT	OFF
C1 + C2 AIR DEMAND HYDR PUMPS	OFF
L ELEC DEMAND HYDR PUMP	OFF
PRIMARY C1 + C2 ELEC HYDR PUMPS	OFF
R ELEC DEMAND HYDR PUMP	OFF
FUEL PUMPS	ALL OFF
FLIGHT DIRECTOR	OFF
APU SELECTOR	AS REQUIRED
EXTERIOR LIGHTS	AS REQUIRED
DOORS	OPEN



* SmartCARS - PIREP FILED!

SECURING AIRCRAFT

ADIRU	OFF
EMERG EXIT LIGHTS	OFF
L + R PACK CONTROLS	OFF
APU SELECTOR	OFF
BATTERY	OFF