KPCREW FOR ZIBO BOEING 737-800 FREEWARE (V2.1x)

COLD & DARK - OPTIONAL

START PREFLIGHT EVENTS - OPTIONAL
TIMED EVENTS START, SEE +99 MINUTES

POWER UP PROCEDURE	+25 Minutes
PARKING BRAKE	SET
FUEL CONTROLS	CUTOFF
BATTERY	ON
AC POWER (GPU)	ON
IF USING APU	TEST FIRE PANEL FIRST
STANDBY POWER	ON
FIRE PANEL AND EXTINGUISHER	TEST
FUEL PUMPS	OFF (EXCEPT FOR APU)
ELECTRIC HYDRAULIC PUMPS	ON
POSITION LIGHTS	STEADY
WING LIGHTS	ON (IF DARK)
IRS MODE SELECTORS	OFF, WAIT, THEN NAV

FO STARTS WALK AROUND	+24 MINUTES

PREFLIGHT PROCEDURE	+23 Minutes
COCKPIT LIGHTING	AS REQUIRED
STALL WARNING	TEST
PARKING BRAKE	SET
CDU PREFLIGHT	PERFORM
MASTER LIGHTS TEST	PERFORM
EFIS CONTROL PANEL	SET UP WITH QNH
FLIGHT DIRECTORS	ON
OXYGEN	TEST (PRESS 1150 - 1800 PSI)
CLOCK	RESET
MCP (COURSES, V2, RWY HDG, ALT)	SET
STANDBY INSTRUMENTS	SET
SPEEDBRAKE	DOWN DETENT
SET UP RADIO TUNING PANEL	PERFORM
YAW DAMPER	ON
IFE & GALLEY POWER	ON
EMERGENCY EXIT LIGHTS	ARMED
CABIN SIGNS	ON / AUTOMATIC
WINDOW HEAT	ON
HYDRAULIC PANEL	SET
TRIM AIR	ON
RECIRC FANS	ON
PACKS, ISO VALVE, BLEEDS, APU BLEED	AUTO, OPEN, ON, OFF
FLIGHT ALTITUDE AND LAND ALT	SET
IGNITION	RIGHT
WHEEL & LOGO LIGHTS	ON WHEN DARK
WEATHER RADAR AND TERRAIN	SET
TRANSPONDER CONTROL PANEL	SET
NAVIGATION AND DISPLAYS PANEL	SET
FUEL PANEL	SET
AUTOBRAKE	RTO
FUEL FLOW	RESET
PROBE HEAT	OFF
AIR CONDITIONING PANEL	SET
CABIN PRESSURIZATION PANEL	SET
LIGHTING PANEL	SET
FIRE TESTS	PERFORM
MACH AIRSPEED WARNING	TEST

FO BACK FROM WALK AROUND	+21 MINUTES

PAX BOARDING	+20 MINUTES

PREFLIGHT CHECKLIST	+18 MINUTES
OXYGEN	TESTED 100 %
NAVIGATION TRANSFER AND DISPLAY SWITCHES	NORMAL , AUTO
WINDOW HEAT	ON
PRESSURIZATION MODE SELECTOR	AUTO
FLIGHT INSTRUMENTS	HEADING __, ALTIMETER __
PARKING BRAKE	SET
ENGINE START LEVERS	CUTOFF
GEAR PINS	REMOVED

CHECKLIST	INTERACTIVE ITEM
PROCEDURE	AUTOMATIC ITEM
OPTIONAL PROCEDURE	

DEPARTURE BRIEFING – OPTIONAL	+9 Minutes
READY FOR THE TAKEOFF BRIEF?	YES
OK, I will be the pilot flying	
We have no MEL issues today	
This will be a standard takeoff, noise abatement departure procedure <XXX>	
The departure will be via <TYPE> <NAME>	
Our take off thrust is <THRUST SETTING>	
We will use Flaps <FLAP SETTING> for takeoff	
Runway condition is <CONDITION>	
Anti Ice is <ANTI ICE SETTING>	
Bleeds will be <BLEED SETTINGS>	
In case of forced return we are <UNDER/OVERWEIGHT>	
For the takeoff safety brief	
From 0 to 100 knots for any malfunction I will call reject and we will confirm the autobrakes are operating	
If not operating I will apply maximum manual breaking and maximum symmetric reverse thrust and come to a full stop on the runway	
After full stop on the runway we decide on course of further actions	
From 100 knots to V 1 I will reject only for one of the following reasons, engine fire, engine failure or takeoff configuration warning horn	
At and above V 1 we will continue into the air and the only actions for you below 400 feet are to silence any alarm bells and confirm any failures	
Above 400 feet I will call for failure action drills as required and you'll perform memory items	
at 800 feet above field elevation I will call for altitude hold and we will retract the flaps on schedule	
At 1500 feet I will call for the checklist	
If we are above maximum landing weight we will make decision on whether to perform an overweight landing if the situation requires	
If we have a wheel well, engine or wing fire, I will turn the aircraft in such a way the flames will be downwind and we will evacuate through the upwind side	
If we have a cargo fire you need to ensure emergency services do not open the cargo doors until evac is completed	

BEFORE START PROCEDURE	+2 Minutes
AUTOTHROTTLE	ARMED
LNAV & VNAV	ARMED
PARKING BRAKE	SET
STABILIZER TRIM	SET UP WITH QNH
RUDDER & AILERON TRIM	SET
FUEL PUMPS	ON
SEATBELT SIGNS	ON
ISOLATION VALVE	OPEN
HYDRAULIC PANEL	SET
BEACON	ON
STANDBY INSTRUMENTS	SET
TAKEOFF SPEEDS	VERIFY

BEFORE START CHECKLIST	
FLIGHT DECK DOOR	CLOSED AND LOCKED
FUEL	___ KGS PUMPS ON
PASSENGER SIGNS	ON
WINDOWS	LOCKED
MCP	V2 ___, HEADING ___, ALTITUDE* ___
TAKEOFF SPEEDS	V1 ___, VR ___, V2___*
CDU PREFLIGHT	COMPLETED
RUDDER AND AILERON TRIM	FREE AND ZERO
TAXI AND TAKEOFF BRIEFING	COMPLETED
ANTI COLLISION LIGHT	ON

PUSHBACK - OPTIONAL

<ENGINE START PROCEDURE>	NORMAL START
ANNOUNCE ENGINE START SEQUENCE	START SEQUENCE IS 2 THEN 1
COMMAND FO TO START ENGINES	START ENGINE 2
N2 IS AT 25%	FUEL LEVER TO RUN
COMMAND FO TO START ENGINES	START ENGINE 1
N2 IS AT 20%	FUEL LEVER TO RUN

FLIGHT CONTROLS TEST	
MOVE COLUMN FULL LEFT	FULL LEFT – CTR
MOVE COLUMN FULL RIGHT	FULL RIGHT – CTR
ELEVATORS	FULL UP - FULL DOWN – CTR
RUDDERS	FULL LEFT–CTR-FULL RIGHT-CTR

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BEFORE TAXI PROCEDURE	
GENERATORS	ON
ISOLATION VALVES/PACKS	AUTO
HYDRAULICS	ALL ON
ENGINE START SWITCHES	CONTINUOUS
APU	OFF
TAKEOFF FLAPS	SET

BEFORE TAXI CHECKLIST	
GENERATORS	ON
PROBE HEAT	ON
ANTI-ICE	AS REQUIRED
ISOLATION VALVE	AUTO / CLOSED
ENGINE START SWITCHES	CONT
RECALL	CHECKED
AUTOBRAKE	RTO
ENGINE START LEVERS	IDLE DETENT
FLIGHT CONTROLS	CHECKED
GROUND EQUIPMENT	CLEAR

BEFORE TAKEOFF CHECKLIST	
TAKEOFF BRIEFING	REVIEWED
FLAPS	FLAPS ___ , GREEN LIGHT
STABILIZER TRIM	___ POINT ___ UNITS
CABIN	SECURE

BEFORE TAKEOFF PROCEDURE	
LANDING LIGHTS	ON
STROBES	ON
TAXI LIGHTS	OFF
TRANSPONDER	ON
WX RADAR	ON
CHRONOMETER	ET MODE
ENGINE STARTER	CONT

TAKEOFF AND CLIMB PROCEDURE	
TAKEOFF THRUST	SET
HDG SEL	ON
EFIS WXR	ON
CALLOUTS	ON
GEAR	UP AND OFF
A/P MODES	LNAV/VNAV or HDG/FLCH
CMD A	SET
FLAP RETRACTION	AUTOMATIC/MANUAL
ENGINE STARTERS	OFF
LANDING LIGHTS	OFF
AUTOBRAKE	OFF
TRANSITION ALTITUDE	AUTOMATIC
TEN THOUSAND	AUTOMATIC

AFTER TAKEOFF CHECKLIST	
ENGINE BLEEDS	ON
PACKS	AUTO
LANDING GEAR	UP AND OFF
FLAPS	UP, NO LIGHTS
ALTIMETERS	SET BOTH

APPROACH BRIEFING – OPTIONAL
Ok, we will be arriving via <ARRIVALTYPE> <ARRIVALNAME>
After the arrival we can expect an <TYPE> approach into our destination
This will be a standard takeoff, noise abatement departure procedure <XXX>
Runway assigned is <RWY> and the condition is <CONDITION>
Anti Ice is <ANTIICE SETTING>
Landing flaps will be <FLAPS>
for auto brake we will use level <ABRKLVL>
Packs will be <ON/OFF>
Decision Height/Altitude will be <HEIGHT>
Approach speed <SPD>
Reference speed <SPD>
Missed approach altitude >ALT>

DESCENT CHECKLIST	
PRESSURIZATION	LANDING ALTITUDE ___
RECALL	CHECKED
AUTOBRAKE	_____
LANDING DATA	VREF ___, MINIMUMS ___ FEET*
APPROACH BRIEFING	COMPLETED
THROTTLES	IDLE FOR ZIBO DURING DESCENT

APPROACH CHECKLIST	
ALTIMETERS	SET
NAV AIDS	SET AND CHECKED

LANDING PROCEDURE	
LIGHTS	SET
AT 210 KTS	FLAPS 1
AT 180 KTS	FLAPS 5
AT 160 KTS	FLAPS 15 & GEAR DOWN
SPEEDBRAKE	ARMED
AT 155 KTS	FLAPS 30
MISSED APPROACH ALTITUDE	SET
AUTOPILOT	OFF
AUTOTHROTTLE	OFF

LANDING CHECKLIST	
CABIN	SECURE
ENGINE START SWITCHES	CONT
SPEEDBRAKE	ARMED
LANDING GEAR	DOWN
FLAPS	___ GREEN LIGHT

AFTER LANDING - CLEANUP	
SPEEDBRAKES	UP
CHRONO	STOP
WX RADAR (EFIS PANEL)	OFF
APU	START
FLAPS	UP
PROBE HEAT	OFF
LANDING LIGHTS	OFF
TAXI LIGHTS	ON
RWY TURNOFF LIGHTS	OFF
ENGINE START SWITCHES	AUTO
TRAFFIC	OFF
LANDING LIGHTS	OFF
TRANSPONDER	STANDBY

SHUTDOWN PROCEDURE	
TAXI LIGHTS	OFF
SHUTDOWN ENGINES	PERFORM
SEATBELT SIGNS	OFF
BEACON	OFF
FUEL PUMPS	OFF
ANTI COLLISION LIGHT	OFF (WHEN N2 < 20%)
WING & ENGINE ANTI-ICE	OFF
ELEC HYD	OFF
ISOLATION VALVE	OPEN
APU BLEED	ON
FLIGHT DIRECTORS	OFF
MCP	RESET
TRANSPONDER	RESET
ELAPSED TIME	RESET

SHUTDOWN CHECKLIST	
FUEL PUMPS	OFF
PROBE HEAT	OFF
HYDRAULIC PANEL	SET
FLAPS	UP NO LIGHTS
PARKING BRAKE	SET
ENGINE START LEVERS	CUTOFF
WEATHER RADAR	OFF

SECURING AIRCRAFT PROCEDURE - OPTIONAL	
CAB/UTIL & IFE GALLEY POWER	OFF
IRS	OFF
EMERGENCY EXIT LIGHTS	OFF
WINDOW HEAT	OFF
PACKS	OFF
APU	OFF
BATTERY	OFF
POSITION LIGHT	OFF

SECURE CHECKLIST	
IRSs	OFF
EMERGENCY EXIT LIGHTS	OFF
WINDOW HEAT	OFF
PACKS	OFF