

KPCREW FOR ZIBO BOEING 737-800 FREEWARE (V2.3)

ELECTRICAL POWER UP PROCEDURE (F/O)	
All paper work on board and checked	
M E L and Technical Logbook checked	
== Initial Checks	
==== DC Electric Power	
F/O CIRCUIT BREAKERS (P6 PANEL)	CHECK ALL IN
F/O CIRCUIT BREAKERS (CONTROL,P18)	CHECK ALL IN
F/O DC POWER SWITCH	BAT
F/O BATTERY VOLTAGE	CHECK MIN 24V
F/O BATTERY SWITCH	GUARD CLOSED
F/O STANDBY POWER SWITCH	GUARD CLOSED
==== Hydraulic System	
F/O ELECTRIC HYDRAULIC PUMPS SWITCHES	OFF
F/O ALTERNATE FLAPS MASTER SWITCH	GUARD CLOSED
F/O FLAP LEVER	UP
Ensure flap lever agrees with indicated flap position.	
==== Other	
F/O WINDSHIELD WIPER SELECTORS	PARK
F/O LANDING GEAR LEVER	DOWN
F/O GREEN LANDING GEAR LIGHT	CHECK ILLUMINATED
F/O RED LANDING GEAR LIGHT	CHECK EXTINGUISHED
F/O TAKEOFF CONFIG WARNING	TEST
Move thrust levers full forward and back to idle.	
== Activate External Power	
Use Zibo EFB to turn Ground Power on.	
F/O FUEL PUMPS	ALL OFF
F/O GRD POWER AVAILABLE LIGHT	ILLUMINATED
F/O AC POWER SWITCH	GRD
F/O GROUND POWER VOLTAGE	CHECK >110 VOLT
F/O GRD POWER SWITCH	ON IF VOLTAGE OK
== Activate APU	
F/O FUEL PUMPS	OFF/LEFT FWD ON
F/O OVHT DET SWITCH	NORMAL
F/O OVHT FIRE TEST SWITCH	HOLD RIGHT
F/O MASTER FIRE WARN LIGHT.	PUSH
F/O ENGINES EXT TEST SWITCH	TEST 1 TO LEFT
F/O ENGINES EXT TEST SWITCH	TEST 2 TO RIGHT
F/O APU	START
Hold APU switch in START position for 3-4 seconds.	
F/O APU GEN OFF BUS LIGHT	ILLUMINATED
F/O AC POWER SWITCH	APU 1 PUMP ON, REST OFF or
F/O APU GENERATOR VOLTAGE	CHECK > 110 VOLT
F/O APU GENERATOR BUS SWITCHES	ON IF VOLTAGE OK
F/O LEFT FORWARD FUEL PUMP	ON
====	
F/O TRANSFER BUS LIGHTS	CHECK EXTINGUISHED
F/O SOURCE OFF LIGHTS	CHECK EXTINGUISHED
F/O STANDBY POWER	ON
F/O STANDBY PWR LIGHT	CHECK EXTINGUISHED
F/O WING LIGHTS	ON IF DARK
F/O PARKING BRAKE	CHECK SET

PRELIMINARY PREFLIGHT PROCEDURE (F/O)	
==== IRS Alignment	
F/O IRS MODE SELECTORS	OFF
F/O IRS MODE SELECTORS	THEN NAV
Verify ON DC lights illuminate then extinguish	
Verify ALIGN lights are illuminated	
==== Verify quantities	
F/O OXYGEN PRESSURE	CHECK
F/O HYDRAULIC QUANTITY A & B	CHECK
F/O ENGINE OIL QUANTITY & 2	CHECK
==== Overhead	
F/O VOICE RECORDER SWITCH	AUTO
F/O SERVICE INTERPHONE	OFF
==== Engine Panel	
F/O EEC SWITCHES	ON
F/O EEC GUARDS	CLOSED
F/O EEC FAIL LIGHTS	EXTINGUISHED
F/O REVERSER FAIL LIGHTS	EXTINGUISHED
==== Other	
F/O POSITION LIGHTS	ON
F/O PASSENGER OXYGEN SWITCH	NORMAL; GUARD CLOSED
F/O EMERGENCY EXIT LIGHT	ARM/ON GUARD CLOSED
F/O ATTENDANCE BUTTON	PRESS
F/O ELECTRICAL POWER UP	COMPLETE
F/O MACH OVERSPEED TEST 1 and 2	PERFORM
F/O FLIGHT DATA RECORDER SWITCH	GUARD CLOSED

CHECKLIST	INTERACTIVE ITEM
MANDATORY PROCEDURE	AUTOMATIC ITEM
OPTIONAL PROCEDURE	OPTIONAL STEP
	MANUAL/CHECK ITEM

YOU ARE CPT LHS PF		KPCREW IS F/O RHS PNF PM
CDU PREFLIGHT (OPTIONAL)		(CPT)
==== Initial Data		
CPT	IDENT page:	OPEN
Verify Model and ENG RATING		
Verify navigation database ACTIVE date		
CPT	POS INIT page:	OPEN
Verify time		
CPT	REF AIRPORT	SET
==== Navigation Data		
CPT	RTE page:	OPEN
CPT	ORIGIN	SET
CPT	DEST	SET
CPT	FLT NO	SET
CPT	ROUTE	ENTER
CPT	ROUTE	ACTIVATE
CPT	ROUTE	EXECUTE
CPT	DEPARTURES page:	OPEN
Select runway and departure routing		
CPT	RTE page:	EXECUTE
CPT	LEGS page:	OPEN
Verify or enter correct RNP for departure		
==== Performance Data (CPT)		
CPT	PERF INIT page:	OPEN
CPT	ZFW	ENTER
CPT	GW	ENTER/VERIFY
CPT	RESERVES	ENTER/VERIFY
CPT	COST INDEX	ENTER
CPT	CRZ ALT	ENTER
CPT	N1 LIMIT page:	OPEN
Select assumed temp and/or fixed t/o rating		
Select full or derated climb thrust		
CPT	TAKEOFF REF page:	OPEN
CPT	FLAPS	ENTER
CPT	CG	ENTER
CPT	V SPEEDS	ENTER
CPT	PREFLIGHT COMPLETE?	VERIFY
CPT	KPCREW DEPARTURE BRIEFING	FILL OUT

PREFLIGHT PROCEDURE (F/O)	
==== Flight Control panel	
F/O FLIGHT CONTROL SWITCHES	GUARDS CLOSED
F/O FLIGHT SPOILER SWITCHES	GUARDS CLOSED
F/O ALTERNATE FLAPS MASTER SWITCH	GUARD CLOSED
F/O ALTERNATE FLAPS CONTROL SWITCH	OFF
F/O FLAPS PANEL ANNUNCIATORS	EXTINGUISHED
F/O YAW DAMPER SWITCH	ON
==== NAVIGATION panel	
F/O VHF NAV TRANSFER SWITCH	NORMAL
F/O IRS TRANSFER SWITCH	NORMAL
F/O FMC TRANSFER SWITCH	NORMAL
==== DISPLAYS panel	
F/O SOURCE SELECTOR	AUTO
F/O CONTROL PANEL SELECT SWITCH	NORMAL
==== Fuel Panel	
F/O FUEL PUMP SWITCHES	ALL OFF
If APU running turn one of the left fuel pumps on	
F/O FUEL VALVE ANNUNCIATORS	CHECK DIM
F/O FUEL CROSS FEED	ON FOR TEST
F/O CROSS FEED VALVE LIGHT	CHECK DIM
F/O FUEL CROSS FEED	OFF
F/O CROSS FEED VALVE	EXTINGUISHED
==== Electrical panel	
F/O BATTERY SWITCH	GUARD CLOSED
F/O CAB/UTIL POWER SWITCH	ON
F/O IFE/PASS SEAT POWER SWITCH	ON
F/O STANDBY POWER SWITCH	GUARD CLOSED
F/O GEN DRIVE DISCONNECT SWITCHES	GUARDS CLOSED
F/O BUS TRANSFER SWITCH	GUARD CLOSED
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KPCREW FOR ZIBO BOEING 737-800 FREEWARE (V2.3)

PREFLIGHT PROCEDURE...	(F/O)
==== APU start if required	
Overheat and fire protection panel	
F/O OVHT DET SWITCH	NORMAL
F/O OVHT FIRE TEST SWITCH	HOLD RIGHT
F/O MASTER FIRE WARN LIGHT	PUSH
F/O ENGINES EXT TEST SWITCH	TEST 1 TO LEFT
F/O ENGINES EXT TEST SWITCH	TEST 2 TO RIGHT
APU PANEL	
F/O APU SWITCH	START
Hold APU switch in START position for 3-4 seconds.	
F/O APU GEN OFF BUS LIGHT	ILLUMINATED
F/O APU GENERATOR BUS SWITCHES	ON
F/O TRANSFER BUS LIGHTS	CHECK EXTINGUISHED
==== Overhead items	
F/O EQUIPMENT COOLING SWITCHES	NORM
F/O EMERGENCY EXIT LIGHTS SWITCH	GUARD CLOSED
F/O NO SMOKING SWITCH	ON OR AUTO
F/O FASTEN BELTS SWITCH	ON OR AUTO
F/O WINDSHIELD WIPER SELECTORS	PARK
==== Anti-Ice	
F/O WINDOW HEAT SWITCHES	ON
F/O PROBE HEAT SWITCHES	OFF
F/O WING ANTI-ICE SWITCH	OFF
F/O ENGINE ANTI-ICE SWITCHES	OFF
==== Hydraulic panel	
F/O ENGINE HYDRAULIC PUMPS SWITCHES	ON
F/O ELECTRIC HYDRAULIC PUMPS SWITCHES	OFF
==== Air conditioning panel	
F/O AIR TEMPERATURE SOURCE SELECTOR	FWD CAB
F/O CABIN TEMPERATURE SELECTORS	AUTO OR AS NEEDED
F/O TRIM AIR SWITCH	ON
F/O RECIRCULATION FAN SWITCHES	AUTO
F/O AIR CONDITIONING PACK SWITCHES	AUTO OR HIGH
F/O ISOLATION VALVE SWITCH	AUTO OR OPEN
F/O ENGINE BLEED AIR SWITCHES	ON
F/O APU BLEED AIR SWITCH	AS REQUIRED
If APU running turn it ON	
==== Cabin pressurization panel	
F/O FLIGHT ALTITUDE INDICATOR	CRUISE ALTITUDE
F/O LANDING ALTITUDE INDICATOR	FIELD ELEVATION
F/O PRESSURIZATION MODE SELECTOR	AUTO
==== Lighting panel	
F/O LANDING LIGHT SWITCHES	RETRACT AND OFF
F/O RUNWAY TURNOFF LIGHT SWITCHES	OFF
F/O TAXI LIGHT SWITCH	OFF
F/O LOGO LIGHT SWITCH	AS NEEDED
F/O POSITION LIGHT SWITCH	AS NEEDED
F/O ANTI-COLLISION LIGHT SWITCH	OFF
F/O WING ILLUMINATION SWITCH	AS NEEDED
F/O WHEEL WELL LIGHT SWITCH	AS NEEDED
==== Engine Starters	
F/O IGNITION SELECT SWITCH	IGN L OR R
F/O ENGINE START SWITCHES	OFF
==== Mode control panel right	
F/O COURSE NAV1 & NAV2	SET AS REQUIRED
ALL FLIGHT DIRECTOR SWITCHES	ON, LEFT MASTER
CPT BANK ANGLE SELECTOR	AS NEEDED
==== EFIS control panels	
ALL MINIMUMS REFERENCE SELECTOR	RADIO OR BARO
ALL DECISION HEIGHT / ALTITUDE REFERENCE	SET DH OR DA REFERENCE
ALL FLIGHT PATH VECTOR SWITCH	OFF
ALL METERS SWITCH	OFF
ALL BAROMETRIC REFERENCE SELECTOR	IN OR HPA
ALL BAROMETRIC SELECTOR	SET LOCAL ALTIMETER SETTING
ALL VOR/ADF SWITCHES	VOR
ALL MODE SELECTOR	MAP
ALL CENTER SWITCH	OFF
ALL RANGE SELECTOR	10 NM
ALL TRAFFIC SWITCH	ON
ALL WEATHER RADAR	OFF
ALL MAP SWITCHES	AS NEEDED
==== Forward panel	
CPT LIGHTS TEST	PERFORM
ALL CLOCK	SET FO: LOCAL TIME CPT: UTC
ALL MAIN PANEL DISPLAY UNITS SELECTOR	NORM
ALL LOWER DISPLAY UNIT SELECTOR	NORM
ALL OXYGEN	TEST AND SET
==>>	

PREFLIGHT PROCEDURE ...	(F/O)
CPT NOSE WHEEL STEERING SWITCH	GUARD CLOSED
Set INTEGRATED STANDBY FLIGHT DISPLAY	
==== GROUND PROXIMITY panel	
F/O FLAP INHIBIT SWITCH	GUARD CLOSED
F/O GEAR INHIBIT SWITCH	GUARD CLOSED
F/O TERRAIN INHIBIT SWITCH	GUARD CLOSED
F/O GPWS SYSTEM TEST	PERFORM
==== Landing gear panel	
F/O LANDING GEAR LEVER	DOWN
F/O AUTO BRAKE SELECT SWITCH	RTO
F/O ANTISKID INOP LIGHT	VERIFY EXTINGUISHED
F/O FUEL FLOW	RESET
F/O LOWER EICAS	SYS
==== Pedestal	
CPT SPEED BRAKE LEVER	DOWN DETENT
CPT REVERSE THRUST LEVERS	DOWN
CPT FORWARD THRUST LEVERS	CLOSED
CPT FLAP LEVER	SET
Set the flap lever to agree with the flap position.	
CPT PARKING BRAKE	SET
CPT ENGINE START LEVERS	CUTOFF
CPT STABILIZER TRIM CUTOFF SWITCHES	NORMAL
CPT CARGO FIRE TEST	PERFORM
CPT WEATHER RADAR PANEL	SET
CPT TRANSPONDER PANEL	SET
==== Radio tuning panel	
CPT VHF COMMUNICATIONS RADIOS	SET
CPT VHF NAVIGATION RADIOS	SET FOR DEPARTURE
CPT AUDIO CONTROL PANEL	SET
CPT ADF RADIOS	SET
==== Briefing	
CPT DEPARTURE BRIEFING	PERFORM
==== Other	
F/O STALL WARNING TEST 1 and 2	PERFORM
Wait for 4 minutes AC power if not functioning	

PREFLIGHT CHECKLIST	
ALL OXYGEN	TESTED 100 %
PM NAV TRANSFER AND DISP SWITCHES	NORMAL , AUTO
PM WINDOW HEAT	ON
PM PRESSURIZATION MODE SELECTOR	AUTO
ALL FLIGHT INSTRUMENTS	HEADING __, ALTIMETER __
PF PARKING BRAKE	SET
PF ENGINE START LEVERS	CUTOFF

BEFORE START PROCEDURE	
F/O FLIGHT DECK DOOR	CLOSED AND LOCKED
ALL CDU DISPLAY	SET
ALL N1 BUGS	CHECK
ALL IAS BUGS	SET
==== Set MCP	
CPT AUTOTHROTTLE ARM SWITCH	ARM
CPT IAS/MACH SELECTOR	SET V2
CPT LNAV	ARM AS NEEDED
CPT VNAV	ARM AS NEEDED
CPT INITIAL HEADING	SET
CPT INITIAL ALTITUDE	SET
====	
ALL TAXI AND TAKEOFF BRIEFINGS	COMPLETE
F/O EXTERIOR DOORS	VERIFY CLOSED
Obtain a clearance to pressurize hydraulic systems and start engines	
==== Set Fuel panel	
F/O CENTER FUEL PUMPS SWITCHES	AS REQUIRED
If center tank quantity exceeds 1,000 lbs/460 kgs	
F/O AFT & FORW FUEL PUMP SWITCHES	ON
==== Set Hydraulic panel	
F/O ENGINE HYDRAULIC PUMP SWITCHES	OFF
F/O ELECTRIC HYDRAULIC PUMP SWITCHES	ON
==== Set Trim	
CPT STABILIZER TRIM	__ UNITS
CPT AILERON TRIM	0 UNITS
CPT RUDDER TRIM	0 UNITS
==== Lights	
F/O ANTI COLLISION LIGHT SWITCH	ON
F/O WING & WHEEL WELL LIGHTS	OFF

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BEFORE START CHECKLIST		
F/O	FLIGHT DECK DOOR	CLOSED AND LOCKED
F/O	FUEL	___ KGS, PUMPS ON
F/O	PASSENGER SIGNS	SET
	ALL WINDOWS	LOCKED
CPT	MCP	V2 ___, HDG ___, ALT ___
PF	TAKEOFF SPEEDS	V1 ___, VR ___, V2 ___
PF	CDU PREFLIGHT	COMPLETED
CPT	RUDDER & AILERON TRIM	FREE AND 0
PF	TAXI AND TAKEOFF BRIEFING	COMPLETED
F/O	ANTI COLLISION LIGHT	ON

PUSHBACK AND ENGINE START		
CPT	PARKING BRAKE	SET
CPT	PUSHBACK SERVICE	ENGAGE
	Engine Start may be done during pushback or towing	
CPT	COMMUNICATION WITH GROUND	ESTABLISH
CPT	PARKING BRAKE	RELEASED
F/O	PACKS	AUTO OR OFF
F/O	SYSTEM A HYDRAULIC PUMPS	ON
CPT	START FIRST ENGINE	STARTING ENGINE _
CPT	ENGINE START SWITCH	START SWITCH _ TO GRD
	Verify that the N2 RPM increases. When N1 rotation is seen and N2 is at 25%	
CPT	ENGINE START LEVER	LEVER _ IDLE
	When starter switch jumps back call STARTER CUTOUT	
CPT	START SECOND ENGINE	STARTING ENGINE _
CPT	ENGINE START SWITCH	START SWITCH _ TO GRD
	Verify that the N2 RPM increases. When N1 rotation is seen and N2 is at 25%,	
CPT	ENGINE START LEVER	LEVER _ IDLE
	When starter switch jumps back call STARTER CUTOUT	
F/O	PARKING BRAKE	SET
	When instructed by ground crew after pushback/towing When pushback/towing complete	
CPT	TOW BAR DISCONNECTED	VERIFY
CPT	LOCKOUT PIN REMOVED	VERIFY

BEFORE TAXI PROCEDURE (F/O)		
F/O	HYDRAULIC PUMP SWITCHES	ALL ON
F/O	GENERATOR 1 AND 2 SWITCHES	ON
F/O	PROBE HEAT SWITCHES	ON
F/O	WING ANTI-ICE SWITCH	AS NEEDED
F/O	ENGINE ANTI-ICE SWITCHES	AS NEEDED
F/O	PACK SWITCHES	AUTO
F/O	ISOLATION VALVE SWITCH	AUTO
F/O	APU BLEED AIR SWITCH	OFF
F/O	APU SWITCH	OFF
F/O	ENGINE START SWITCHES	CONT
F/O	ENGINE START LEVERS	IDLE DETENT
	Verify that the ground equipment is clear. Call 'FLAPS ___' as needed for takeoff.	
F/O	FLAP LEVER	SET TAKEOFF FLAPS
	ALL LE FLAPS EXT GREEN LIGHT	ILLUMINATED
	ALL FLIGHT CONTROLS	CHECK
	ALL RECALL	CHECK
	Verify annunciators illuminate and then extinguish.	
F/O	TRANSPONDER	AS NEEDED
F/O	LOWER DU	OFF

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

BEFORE TAKEOFF CHECKLIST (F/O)		
CPT	FLAPS	___, GREEN LIGHT
CPT	STABILIZER TRIM	___ UNITS

RUNWAY ENTRY PROCEDURE (F/O)		
F/O	STROBES	ON
F/O	TRANSPONDER	ON
F/O	PACKS & BLEEDS	SET
CPT	FIXED LANDING LIGHTS	ON
CPT	RWY TURNOFF LIGHTS	ON
CPT	TAXI LIGHTS	OFF

TAKEOFF & INITIAL CLIMB		
PF	AUTOTHROTTLE	ARM
PF	A/P MODES	AS REQUIRED
	THRUST SETTING	40% N1
PF	SET TAKEOFF THRUST	T/O MODE
PF	POSITIVE RATE	GT 40 FT AGL
PM	GEAR	UP
	ACCELERATION ALTITUDE	GT 300 FT AGL
	FLAPS 15 SPEED	REACHED (OPTIONAL)
PM	FLAPS 10	SET (OPTIONAL)
	FLAPS 10 SPEED	REACHED (OPTIONAL)
PM	FLAPS 5	SET (OPTIONAL)
	FLAPS 5 SPEED	REACHED
PM	FLAPS 1	SET
	FLAPS 1 SPEED	REACHED
PM	FLAPS UP	SET
PM	CMD-A	ON
PM	AUTO BRAKE SELECT SWITCH	OFF
PM	GEAR	OFF
	===== Whatever comes first	
PM	TRANSITION ALTITUDE	ANNOUNCE REACHED
	ALL ALTIMETERS	STD
	=====	
PM	10.000 FT	ANNOUNCE REACHED
PM	LANDING LIGHTS	OFF
PM	RUNWAY TURNOFF LIGHT SWITCHES	OFF
PM	FASTEN BELTS SWITCH	OFF
	=====	
PM	ENGINE START SWITCHES	OFF

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

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DESCENT PROCEDURE		AT BEGINNING OF DESCENT
PM LH & RH CTR FUEL PUMP SWITCHES		OFF
If center tank quantity below 3,000 lbs/1400 kgs		
PM PRESSURIZATION		LAND ALT ___ FT
PM RECALL		CHECKED ALL OFF
PF VREF		SELECT IN FMC
PM LANDING DATA		VREF ___, MINIMUMS ___
Set/verify navigation radios & course for the approach		
PM AUTO BRAKE SELECT SWITCH		AS NEEDED

DESCEND CHECKLIST		PM
PM PRESSURIZATION		LANDING ALTITUDE ___
ALL RECALL		CHECKED
PM AUTOBRAKE		___
ALL LANDING DATA		VREF ___, MINIMUMS ___ FEET
PF APPROACH BRIEFING		COMPLETED

ARRIVAL PROCEDURE		AT BEGINNING OF STAR
Whatever comes first		
PM TRANSITION LEVEL		ANNOUNCE REACHED
ALL ALTIMETERS		QNH
=====		
PM 10,000 FT		ANNOUNCE REACHED
PM LANDING LIGHTS		ON
PM FASTEN BELTS SWITCH		ON
PM AUTO BRAKE SELECT SWITCH		AS NEEDED
PM LOGO LIGHT SWITCH		AS NEEDED

APPROACH CHECKLIST		PM
ALL ALTIMETERS		SET QNH _____
PM NAV AIDS		SET AND CHECKED

LANDING PROCEDURE	
CPT LANDING LIGHTS	ON
CPT RWY TURNOFF LIGHTS	ON
PM ENGINE START SWITCHES	CONT
PM SPEED BRAKE	ARMED
CPT COURSE NAV 1	SET
PM COURSE NAV2	SET
===== Flaps & Gear Schedule	
PM FLAPS 1 SPEED	REACHED
PM FLAPS 1	SET
PM FLAPS 5 SPEED	REACHED
PM FLAPS 5	SET
PM FLAPS 10 SPEED	REACHED
PM FLAPS 10	SET
PM LANDING GEAR	SET
PM FLAPS 15 SPEED	REACHED
PM FLAPS 15	SET
PM FLAPS 25 SPEED	REACHED
PM FLAPS 25	SET
PM FLAPS 30	SET IF REQUIRED
PM FLAPS 40	SET IF REQUIRED
=====	
PM SPEED BRAKE	ARMED
PM GO AROUND ALTITUDE	SET
PM GO AROUND HEADING	SET

LANDING CHECKLIST		PM
PF ENGINE START SWITCHES		CONT
PF SPEEDBRAKE		ARMED
PF LANDING GEAR		DOWN
PF FLAPS		___ GREEN LIGHT

AFTER LANDING PROCEDURE	
CPT SPEED BRAKE	DOWN
CPT CHRONO and ET	STOP
CPT WX RADAR (EFIS PANEL)	OFF
F/O PROBE HEAT	OFF
F/O STROBE LIGHTS	OFF
CPT LANDING LIGHTS	OFF
CPT RWY TURNOFF LIGHTS	OFF
CPT TAXI LIGHTS	ON
F/O ENGINE START SWITCHES	OFF
F/O TRAFFIC	OFF
F/O AUTOBRAKE	OFF
F/O TRANSPONDER	STANDBY OR TARA
F/O FLAPS	UP
F/O APU	START IF REQUIRED
Hold APU switch in START position for 3-4 seconds	
F/O APU GEN OFF BUS LIGHT	CHECK ILLUMINATED

SHUTDOWN PROCEDURE	
CPT TAXI LIGHT SWITCH	OFF
CPT PARKING BRAKE	SET
===== Electrical power	
F/O APU GENERATOR BUS OR GPU	ON
CPT ENGINE START LEVERS	CUTOFF
F/O FASTEN BELTS SWITCH	OFF
F/O ANTI COLLISION LIGHT SWITCH	OFF
F/O FUEL PUMPS	APU 1 PUMP ON, REST OFF or
F/O FUEL PUMPS	ALL OFF
CPT CAB/UTIL POWER SWITCH	ON
CPT IFE/PASS SEAT POWER SWITCH	OFF
F/O PROBE HEAT	OFF
F/O WING ANTI-ICE SWITCH	OFF
F/O ENGINE ANTI-ICE SWITCHES	OFF
F/O ENGINE HYDRAULIC PUMP SWITCHES	ON
F/O ELECTRIC HYDRAULIC PUMP SWITCHES	OFF
F/O RECIRCULATION FAN SWITCHES	AUTO
F/O AIR CONDITIONING PACK SWITCHES	AUTO
F/O ISOLATION VALVE SWITCH	OPEN
F/O ENGINE BLEED AIR SWITCHES	ON
F/O APU BLEED AIR SWITCH	ON
F/O FLIGHT DIRECTOR SWITCHES	OFF
F/O TRANSPONDER	STBY
F/O MCP	RESET

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

SECURE AIRCRAFT	
CPT CAB/UTIL & IFE GALLEY POWER	OFF
F/O TRIM AIR SWITCHES	OFF
CPT IRS	OFF
F/O EMERGENCY EXIT LIGHTS	OFF
F/O WINDOW HEAT	OFF
F/O PACKS	OFF
CPT APU	OFF
CPT BATTERY	OFF
F/O POSITION LIGHT	OFF
F/O HYDRAULICS	OFF

SHUTDOWN CHECKLIST		F/O
CPT IRSs		OFF
CPT EMERGENCY EXIT LIGHTS		OFF
CPT WINDOW HEAT		OFF
CPT PACKS		OFF

KPCREW FOR FJS BOEING 737-200 (V2.3)

ELECTRICAL POWER UP PROCEDURE (F/O)	
== Initial Checks	
==== DC Electric Power	
F/O CIRCUIT BREAKERS (P6 PANEL)	CHECK
F/O CIRCUIT BREAKERS (CONTROL,P18)	CHECK
F/O DC METER SWITCH	BAT
F/O BATTERY SWITCH	GUARD CLOSED
F/O BATTERY VOLTAGE	CHECK MIN 24V
F/O STANDBY POWER SWITCH	GUARD CLOSED
F/O CIRCUIT BREAKERS	ALL IN
==== Hydraulic System	
F/O ELECTRIC HYDRAULIC PUMPS SWITCHES	OFF
F/O ALTERNATE FLAPS MASTER SWITCH	GUARD CLOSED
==== Other	
F/O WINDSHIELD WIPER SELECTORS	PARK
F/O LANDING GEAR LEVER	DOWN
F/O GREEN LANDING GEAR LIGHT	CHECK ILLUMINATED
F/O RED LANDING GEAR LIGHT	CHECK EXTINGUISHED
== Activate External Power	
Use Zibo EFB to turn Ground Power on.	
F/O GRD POWER AVAILABLE LIGHT	ILLUMINATED
F/O GROUND POWER SWITCH	ON
== Activate APU	
F/O OVHT DET SWITCH	NORMAL
F/O OVHT FIRE TEST SWITCH	HOLD RIGHT
F/O MASTER FIRE WARN LIGHT.	PUSH
F/O ENGINES EXT TEST SWITCH	TEST 1 TO LEFT
F/O ENGINES EXT TEST SWITCH	TEST 2 TO RIGHT
F/O APU	START
F/O Hold APU switch in START position for 3-4 seconds.	
F/O APU GEN OFF BUS LIGHT	ILLUMINATED
F/O APU GENERATOR BUS SWITCHES	ON
==	
F/O TRANSFER BUS LIGHTS	CHECK EXTINGUISHED
F/O SOURCE OFF LIGHTS	CHECK EXTINGUISHED
F/O STANDBY POWER	ON
F/O STANDBY PWR LIGHT	CHECK EXTINGUISHED

CHECKLIST	INTERACTIVE ITEM
MANDATORY PROCEDURE	AUTOMATIC ITEM
OPTIONAL PROCEDURE	OPTIONAL STEP
	MANUAL/CHECK ITEM

YOU ARE CPT | LHS | PF KPCREW IS F/O | RHS | PNF | PM

PREFLIGHT PROCEDURE (F/O)	
If APU not started:	
Overheat and fire protection panel	
F/O FIRE SWITCHES ENG 1&2, APU	IN
F/O OVERHEAT & FIRE PROTECTION PANEL	CHECK
F/O TEST SWITCH	HOLD OVHT/INOP
F/O TEST SWITCH	HOLD FIRE
F/O ENGINES EXT TEST SWITCH	TEST 1 TO LEFT
F/O ENGINES EXT TEST SWITCH	TEST 2 TO RIGHT
F/O APU	START
F/O Hold APU switch in START position for 3-4 seconds.	
F/O APU GEN OFF BUS LIGHT	ILLUMINATED
F/O APU GENERATOR BUS SWITCHES	ON
F/O TRANSFER BUS LIGHTS	CHECK EXTINGUISHED
F/O SOURCE OFF LIGHTS	CHECK EXTINGUISHED
F/O STANDBY POWER	ON
F/O STANDBY PWR LIGHT	CHECK EXTINGUISHED
Flight control panel	
F/O FLIGHT CONTROL SWITCHES	GUARDS CLOSED
F/O FLIGHT SPOILER SWITCHES	GUARDS CLOSED
F/O ALTERNATE FLAPS MASTER SWITCH	GUARD CLOSED
F/O YAW DAMPER SWITCH	ON
NAVIGATION & DISPLAYS panel	
F/O VHF NAV TRANSFER SWITCH	NORMAL
Fuel panel	
F/O CROSSFEED SELECTOR	CLOSED
F/O FUEL PUMP SWITCHES	OFF
F/O FUEL HEAT SWITCHES	OFF
Electrical panel	
F/O BATTERY SWITCH	GUARD CLOSED
F/O GALLEY POWER SWITCH	ON
F/O STANDBY POWER SWITCH	GUARD CLOSED
F/O GEN DRIVE DISCONNECT SWITCHES	GUARDS CLOSED
F/O BUS TRANSFER SWITCH	GUARD CLOSED
F/O EQUIPMENT COOLING SWITCHES	NORM
F/O EMERGENCY EXIT LIGHTS SWITCH	GUARD CLOSED
F/O NO SMOKING SWITCH	ON
F/O FASTEN BELTS SWITCH	ON
F/O WINDSHIELD WIPER SELECTORS	PARK
F/O WINDOW HEAT SWITCHES	ON
F/O PITOT STATIC HEAT SWITCHES	OFF
F/O WING ANTI-ICE SWITCH	OFF
F/O ENGINE ANTI-ICE SWITCHES	OFF
Hydraulic panel	
F/O GROUND INTERCONNECT SWITCH	CLOSE
F/O ENGINE HYDRAULIC PUMPS SWITCHES	ON
F/O ELECTRIC HYDRAULIC PUMPS SWITCHES	OFF
Air conditioning panel	
F/O AIR TEMPERATURE SOURCE SELECTOR	AS NEEDED
F/O GASPER FAN SWITCH	ON
F/O AIR CONDITIONING PACK SWITCHES	ON & OFF
F/O ISOLATION VALVE SWITCH	AUTO
F/O ENGINE BLEED AIR SWITCHES	ON
F/O APU BLEED AIR SWITCH	ON
Cabin pressurization panel	
F/O FLIGHT ALTITUDE INDICATOR	CRUISE ALTITUDE
F/O LANDING ALTITUDE INDICATOR	DEST FIELD ELEVATION
F/O CABIN RATE SELECTOR	INDEX
F/O CABIN ALTITUDE INDICATOR	00 feet below field elevation
Lighting panel	
F/O LANDING LIGHT SWITCHES	RETRACT AND OFF
F/O RUNWAY TURNOFF LIGHT SWITCHES	OFF
F/O TAXI LIGHT SWITCH	OFF
F/O LOGO LIGHT SWITCH	AS NEEDED
F/O POSITION LIGHT SWITCH	AS NEEDED
F/O ANTI-COLLISION LIGHT SWITCH	OFF
F/O WING ILLUMINATION SWITCH	AS NEEDED
F/O WHEEL WELL LIGHT SWITCH	AS NEEDED
F/O ENGINE START SWITCHES	OFF
>>>	

KPCREW FOR ZIBO BOEING 737-800 FREEWARE (V2.3)

PREFLIGHT PROCEDURE ...	(F/O)
Flight Director Panel	
Mode selector	
ALTITUDE HOLD switch.....	
PITCH COMMAND control	F

PRELIMINARY PREFLIGHT PROCEDURE	(F/O)
F/O MAINTENANCE DOCUMENTS	CHECK
F/O FLIGHT DECK ACCESS SYSTEM SWITCH	GUARD CLOSED
F/O EMERGENCY EQUIPMENT	CHECK
F/O FIRE EXTINGUISHER	CHECKED AND STOWED
F/O CRASH AXE	STOWED
F/O ESCAPE ROPES	STOWED
F/O OTHER NEEDED EQUIPMENT	CHECKED AND STOWED
F/O EMERGENCY EXIT LIGHT	ARM/ON GUARD CLOSED
Electrical Power Up supplementary procedure complete	
F/O THRUST REVERSER OVERRIDE SWITCHES	GUARDS CLOSED
F/O SERVICE INTERPHONE SWITCH	OFF
F/O OXYGEN PANEL	SET
F/O PASSENGER OXYGEN SWITCH	GUARD CLOSED
F/O FLIGHT RECORDER	SET
F/O FLIGHT RECORDER TEST SWITCH	GUARD CLOSED
F/O ELECTRONIC MASTER SWITCHES	ON
F/O STALL WARNING TEST	PERFORM
F/O CREW OXYGEN VALVE	OPEN
F/O MANUAL GEAR EXT. ACCESS DOOR	CLOSED
F/O MACH OVERSPEED TEST	PERFORM
F/O XPDR	SET 2000
F/O COCKPIT LIGHTS	SET AS NEEDED
F/O WING & WHEEL WELL LIGHTS	SET AS REQUIRED
F/O FUEL PUMPS	ALL OFF
F/O FUEL CROSS FEED	OFF
F/O POSITION LIGHTS	ON
F/O MCP	INITIALIZE
F/O PARKING BRAKE	SET
F/O IFE & GALLEY POWER	ON

Radio tuning panel	
F/O VHF NAVIGATION RADIOS	SET FOR DEPARTURE
F/O AUDIO CONTROL PANEL	SET
F/O ADF RADIOS	SET
F/O WEATHER RADAR PANEL	SET
F/O TRANSPONDER PANEL	SET

PREFLIGHT CHECKLIST	(PM)
ALL OXYGEN	TESTED 100 %
PF NAV TRANSFER AND DISP SWITCHES	NORMAL , AUTO
PF WINDOW HEAT	ON
PF PRESSURIZATION MODE SELECTOR	AUTO
PF FLIGHT INSTRUMENTS	HEADING __, ALTIMETER __
PF PARKING BRAKE	SET
PF GEAR PINS	REMOVED

BEFORE START PROCEDURE	(BOTH)
F/O FLIGHT DECK DOOR	CLOSED AND LOCKED
ALL CDU DISPLAY	SET
ALL N1 BUGS	CHECK
ALL IAS BUGS	SET
Set MCP	
CPT AUTO THROTTLE ARM SWITCH	ARM
CPT IAS/MACH SELECTOR	SET V2
CPT LNAV	ARM AS NEEDED
CPT VNAV	ARM AS NEEDED
CPT INITIAL HEADING	SET
CPT INITIAL ALTITUDE	SET
ALL TAXI AND TAKEOFF BRIEFINGS	COMPLETE
F/O EXTERIOR DOORS	VERIFY CLOSED
ALL START CLEARANCE	OBTAIN
Obtain a clearance to pressurize hydraulic systems.	
Obtain a clearance to start engines.	
Set Fuel panel	
F/O CENTER FUEL PUMPS SWITCHES	ON
If center tank quantity exceeds 1,000 lbs/460 kgs	
>>>	

BEFORE START PROCEDURE...	(BOTH)
F/O AFT & FORWARD FUEL PUMP SWITCHES	ON
Set Hydraulic panel	
F/O ENGINE HYDRAULIC PUMP SWITCHES	OFF
F/O ELECTRIC HYDRAULIC PUMP SWITCHES	ON
F/O ANTI COLLISION LIGHT SWITCH	ON
Set Trim	
CPT STABILIZER TRIM	__ UNITS
CPT AILERON TRIM	0 UNITS
CPT RUDDER TRIM	0 UNITS

BEFORE START CHECKLIST	(F/O)
CPT FLIGHT DECK DOOR	CLOSED AND LOCKED
CPT FUEL	__ KGS, PUMPS ON
CPT PASSENGER SIGNS	ON
ALL WINDOWS	LOCKED
CPT MCP	V2 __, HEADING __, ALTITUDE __
ALL TAKEOFF SPEEDS	V1 __, VR __, V2 __
CPT CDU PREFLIGHT	COMPLETED
CPT RUDDER AND AILERON TRIM	FREE AND ZERO
CPT TAXI AND TAKEOFF BRIEFING	COMPLETED
CPT ANTI COLLISION LIGHT	ON

CDU PREFLIGHT	(CPT)
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PREFLIGHT PROCEDURE	(F/O)
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PREFLIGHT PROCEDURE	(CPT)
CPT LIGHTS	TEST
EFIS control panel	
CPT MINIMUMS REFERENCE SELECTOR	RADIO/BARO
CPT DECISION HEIGHT OR ALTITUDE REFERENCE	SET
CPT METERS SWITCH	MTRS/FEET
CPT FLIGHT PATH VECTOR	ON/OFF
CPT BAROMETRIC REFERENCE SELECTOR	HPA/IN
CPT BAROMETRIC SELECTOR	SET LOCAL ALTIMETER SETTING
CPT VOR/ADF SWITCHES	AS NEEDED
CPT MODE SELECTOR	MAP
CPT CENTER SWITCH	AS NEEDED
CPT RANGE SELECTOR	AS NEEDED
CPT TRAFFIC SWITCH	AS NEEDED
CPT WEATHER RADAR	OFF
CPT MAP SWITCHES	AS NEEDED
Mode control panel	
CPT COURSE[S]	SET
CPT FLIGHT DIRECTOR SWITCH	ON
CPT BANK ANGLE SELECTOR	AS NEEDED
CPT AUTOPILOT DISENGAGE BAR	UP
Main panel	
CPT OXYGEN RESET/TEST SWITCH	PUSH AND HOLD
CPT CLOCK	SET
CPT NOSE WHEEL STEERING SWITCH	GUARD CLOSED
Display select panel	
F/O MAIN PANEL DISPLAY UNITS SELECTOR	NORM
F/O LOWER DISPLAY UNIT SELECTOR	NORM
CPT INTEGRATED STANDBY FLIGHT DISPLAY	SET
CPT SPEED BRAKE LEVER	DOWN DETENT
CPT REVERSE THRUST LEVERS	DOWN
CPT FORWARD THRUST LEVERS	CLOSED
CPT FLAP LEVER	SET
Set the flap lever to agree with the flap position	
F/O PARKING BRAKE	SET
CPT ENGINE START LEVERS	CUTOFF
CPT STABILIZER TRIM CUTOFF SWITCHES	NORMAL
CPT RADIO TUNING PANEL	SET

KPCREW FOR ZIBO BOEING 737-800 FREEWARE (V2.3)

TAXI BRIEFING

We are located at [ORIGIN ICAO] parking stand [POSITION]
 This is a gate position, pushback required [PUSHBACK DIRECTION] or
 This is an outer position, pushback required [PUSHBACK DIRECTION] or
 We require no pushback at this position, start clearance only
 We will be taxiing to holding point runway [RWY] via [TAXI ROUTE]

DEPARTURE BRIEFING

OK, I will be the pilot flying
 We have no M E L issues today
 This will be a standard takeoff, noise abatement departure procedure [NOISE ABA
 This will be a standard instrument departure via [SID] transition [SIDTRANSITION] or
 The departure will be ATC vectors or
 The departure will be via tracking
 We will take off from runway [RUNWAY]. Runway conditions are [CONDITION]
 Initial altitude will be [ALTITUDE] ft. Today's cruise altitude will be FL [CRUISE LEVEL]
 Transition altitude is [ALTITUDE]
 Initial heading is [HEADING]
 Departure routing: [ROUTING]

TAKEOFF BRIEFING

OK, I will be the pilot flying
 We will take off from runway [RWY] runway condition is [CONDITION]
 Our take off thrust is [TRUST RATING]
 We will use Flaps [FLAPS] for takeoff
 Anti Ice is [ANTI-ICE], bleeds will be [BLEED SETTING]
 Minimum Safe Altitude along our initial route is [ALTITUDE] ft
 In case of forced return we are [WEIGHT]
 The takeoff speeds are set. V1 is ___ Vr is ___ and V2 today ___

SAFETY BRIEFING

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 braking 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 V1 I will reject only for one of the following reasons,
 engine fire, engine failure or takeoff configuration warning horn
 At and above V1 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
 Any questions or concerns?

EFIS control panel

F/O MINIMUMS REFERENCE SELECTOR	RADIO OR BARO
F/O MINIMUMS SELECTOR	SET DH OR DA REFERENCE
F/O FLIGHT PATH VECTOR SWITCH	OFF
F/O METERS SWITCH	OFF
F/O BAROMETRIC REFERENCE SELECTOR	IN OR HPA
F/O BAROMETRIC SELECTOR	SET LOCAL ALTIMETER SETTING
F/O VOR/ADF SWITCHES	AS NEEDED
F/O MODE SELECTOR	MAP
F/O CENTER SWITCH	AS NEEDED
F/O RANGE SELECTOR	AS NEEDED
F/O TRAFFIC SWITCH	AS NEEDED
F/O WEATHER RADAR	OFF
F/O MAP SWITCHES	AS NEEDED
F/O OXYGEN	TEST AND SET
F/O CLOCK	SET
F/O MAIN PANEL DISPLAY UNITS SELECTOR	NORM
F/O LOWER DISPLAY UNIT SELECTOR	NORM
GROUND PROXIMITY panel	
F/O FLAP INHIBIT SWITCH	GUARD CLOSED
F/O GEAR INHIBIT SWITCH	GUARD CLOSED
F/O TERRAIN INHIBIT SWITCH	GUARD CLOSED
Landing gear panel	
F/O LANDING GEAR LEVER	DN
F/O AUTO BRAKE SELECT SWITCH	RTO
F/O ANTISKID INOP LIGHT	VERIFY EXTINGUISHED
>>>	

KPCREW FOR ZIBO BOEING 737-800 FREEWARE (V2.3)

===== PREFLIGHT CHECKLIST (PM) =====

OXYGEN.....TESTED, 100% (BOTH)
 NAVIGATION & DISPLAY SWITCHES.....NORMAL,AUTO (PF)
 WINDOW HEAT.....ON (PF)
 PRESSURIZATION MODE SELECTOR.....AUTO (PF)
 PARKING BRAKE.....SET (PF)
 ENGINE START LEVERS.....CUTOFF (PF)
 GEAR PINS.....REMOVED (PF)

===== BEFORE START CHECKLIST (F/O) =====

FLIGHT DECK DOOR.....CLOSED AND LOCKED (CPT)
 FUEL.....KGS, PUMPS ON (CPT)
 PASSENGER SIGNS.....SET (CPT)
 WINDOWS.....LOCKED (BOTH)
 MCP.....V2 ____, HDG ____, ALT ____ (CPT)
 TAKEOFF SPEEDS.....V1 ____, VR ____, V2 ____ (BOTH)
 CDU PREFLIGHT.....COMPLETED (CPT)
 RUDDER & AILERON TRIM.....FREE AND 0 (CPT)
 TAXI AND TAKEOFF BRIEFING.....COMPLETED (CPT)
 ANTI COLLISION LIGHT.....ON (CPT)

===== BEFORE TAXI CHECKLIST (F/O) =====

GENERATORS.....ON (CPT)
 PROBE HEAT.....ON (CPT)
 ANTI-ICE.....AS REQUIRED (CPT)
 ISOLATION VALVE.....AUTO (CPT)
 ENGINE START SWITCHES.....CONT (CPT)
 RECALL.....CHECKED (CPT)
 AUTOBRAKE.....RTO (CPT)
 ENGINE START LEVERS.....IDLE DETENT (CPT)
 FLIGHT CONTROLS.....CHECKED (CPT)
 GROUND EQUIPMENT.....CLEAR (BOTH)

===== BEFORE TAKEOFF CHECKLIST (F/O) =====

GENERATORS.....ON (CPT)
 TAKEOFF BRIEFING.....REVIEWED (CPT)
 FLAPS....., GREEN LIGHT (CPT)
 STABILIZER TRIM.....UNITS (CPT)
 CABIN.....SECURE (CPT)

===== AFTER TAKEOFF CHECKLIST (PM) =====

TAKEOFF BRIEFING.....REVIEWED (PM)
 ENGINE BLEEDS.....ON (PM)
 PACKS.....AUTO (PM)
 LANDING GEAR.....UP AND OFF (PM)
 FLAPS.....UP, NO LIGHTS (PM)
 ALTIMETERS.....SET (BOTH)

KPCREW FOR ZIBO BOEING 737-800 FREEWARE (V2.3)

===== DESCENT CHECKLIST (PM) =====

PRESSURISATION.....LAND ALT _____ (PM)
 RECALL.....CHECKED (PM)
 AUTOBRAKE..... (PM)
 LANDING DATA.....VREF____, MINIMUMS____ (BOTH)
 APPROACH BRIEFING.....COMPLETED (PM)

===== APPROACH CHECKLIST (PM) =====

ALTIMETERS.....QNH _____ (BOTH)
 NAV AIDS.....SET (PM)

===== LANDING CHECKLIST (PM) =====

CABIN.....SECURE (PF)
 ENGINE START SWITCHES.....CONT (PF)
 SPEEDBRAKE.....ARMED (PF)
 LANDING GEAR.....DOWN (PF)
 FLAPS....., GREEN LIGHT (PF)

===== SHUTDOWN CHECKLIST (F/O) =====

HYDRAULIC PANEL.....SET (CPT)
 PROBE HEAT.....AUTO/OFF (CPT)
 FUEL PUMPS.....OFF (CPT)
 FLAPS.....UP (CPT)
 ENGINE START LEVERS.....CUTOFF (CPT)
 WEATHER RADAR.....OFF (BOTH)
 PARKING BRAKE..... (CPT)

===== SECURE CHECKLIST (F/O) =====

EFBs (if installed).....SHUT DOWN (CPT)
 IRSs.....OFF (CPT)
 EMERGENCY EXIT LIGHTS.....OFF (CPT)
 WINDOW HEAT.....OFF (CPT)
 PACKS.....OFF (CPT)

If the aircraft is not handed over to succeeding
 flight crew or maintenance personnel:

EFB switches (if installed).....OFF (CPT)
 APU/GRD PWR.....OFF (CPT)
 GROUND SERVICE SWITCH.....ON (CPT)
 BAT SWITCH.....OFF (CPT)

FLIGHT PREPARATIONS	OPTIONAL
CPT SET INITIAL STATE	C&D TURNAROUND & POWER UP
CPT OPERATIONAL FLIGHT PLAN (OFF)	OBTAINED (SIMBRIEF)
CPT ENTER FLIGHT DETAILS	IN KPCREW
CPT SET FUEL / WEIGHT & BALANCE	SET IN ZIBO EFB
PF SET UP FMS	DONE
CPT SET INSTRUMENTS	MCP, PFD/ND, QNH, COM, NAV

F/O IRS MODE SELECTORS	OFF
F/O IRS MODE SELECTORS	THEN NAV
Verify ON DC lights illuminate then extinguish	
Verify ALIGN lights are illuminated	
F/O VOICE RECORDER SWITCH	AUTO
F/O ATTENDANCE BUTTON	PRESS
CIRCUIT BREAKERS (P6 PANEL)	CHECK
CIRCUIT BREAKERS (P18 PANEL)	CHECK
PARKING BRAKE	SET
F/O IFE & GALLEY POWER	ON

FLIGHT BRIEFINGS	OPTIONAL
PF ATC CLEARANCE	OBTAINED
PF DEPARTURE BRIEFING	CHARTS & FMS CHECKED
PF TAXI BRIEFING	TAXI ROUTE
PF TAKEOFF BRIEFING	OBTAINED

BEFORE TAXI CHECKLIST	F/O
CPT GENERATORS	ON
CPT PROBE HEAT	ON
CPT ANTI-ICE	AS REQUIRED
CPT ENGINE START SWITCHES	CONT

BEFORE START PROCEDURES
CPT ELEVATOR TSET
CPT RUDDER TR SET
CPT AILERON TR SET
CPT AUTO THRO' ARM
SYS EXTERNAL DC CLOSE
F/O FUEL PANEL SET FOR START
F/O ANTI COLLISION
F/O HYDRAULIC SET FOR START
F/O ISOLATION OPEN

STARTUP AND PUSHBACK
CPT PUSHBACK :CALL
CPT PUSHBACK :ENGAGE
CPT START SEQU2 THEN 1
F/O PACKS OFF
F/O START PR ENGINE 2 START

CPT	RECALL	CHECKED
CPT	AUTOBRAKE	RTO
CPT	ENGINE START LEVERS	IDLE DETENT
CPT	FLIGHT CONTROLS	CHECKED
CPT	GROUND EQUIPMENT	CLEAR

TAKEOFF & CLIMB		
CPT	AUTOTHROTTLE	ON
CPT	A/P MODES	SET AS CONFIGURED
CPT	TAKEOFF PROCEDURE	START
CPT	TAKEOFF THRUST	SET
CPT	CMD-A	SET

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

CPT	APPROACH BRIEFING	OPTIONAL
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DESCEND CHECKLIST		
PM	PRESSURIZATION	LANDING ALTITUDE ____
PM	RECALL	CHECKED
PM	AUTOBRAKE	____
PM	LANDING DATA	VREF ____, MINIMUMS ____ FEET*
PM	APPROACH BRIEFING	COMPLETED

DESCEND CHECKLIST		
ALL	ALTIMETERS	SET QNH ____
PM	NAV AIDS	SET AND CHECKED

LANDING PROCEDURE		
F/O	LIGHTS	SET
F/O	SEAT BELTS	ON
F/O	ENGINE STARTER	CONT
CPT	DH/DA	SET
CPT	SPEED BRAKE LEVER	ARM
CPT	AUTO BRAKE	SET
CPT	AT ____ KTS FLAPS 1	SPEEDCHECK FLAPS 1
CPT	AT ____ KTS FLAPS 5	SPEEDCHECK FLAPS 5
CPT	FLAPS 15, GEAR DOWN	SPEEDCHECK FLAPS 15
CPT	AT ____ KTS FLAPS 30	SPEEDCHECK FLAPS 30
CPT	FLAPS 40	IF CONFIGURED
CPT	MISSED APPROACH ALTITUDE	SET

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

FINAL PROCEDURE		
CPT	CLEARED FOR LANDING?	CONFIRM
CPT	AUTOPILOT	OFF
CPT	AUTOTHROTTLE	OFF

CLEANUP		
CPT	SPEEDBRAKES	UP
F/O	CHRONO and ET	STOP
F/O	WX RADAR (EFIS PANEL)	OFF
F/O	APU	START
F/O	FLAPS	UP
F/O	PROBE HEAT	OFF
F/O	LANDING LIGHTS	OFF
F/O	TAXI LIGHTS	ON
F/O	RWY TURNOFF LIGHTS	OFF
F/O	ENGINE START SWITCHES	AUTO
F/O	TRAFFIC	OFF
F/O	LANDING LIGHTS	OFF
F/O	TRANSPONDER	STANDBY

F/O	ANNOUNCER	STARTER CUTOUT
CPT	START ENGINE	STARTING ENGINE 1
F/O	START PR	ENGINE 1 START
F/O	ANNOUNCER	STARTER CUTOUT
CPT	2 GOOD STAB	CONFIRM
F/O	GENERATOR	ON
F/O	PROBE HEAT	ON
F/O	ANTI-ICE	AS REQUIRED
F/O	PACKS & IS	AS REQUIRED
F/O	BLEEDS	ON
F/O	APU	OFF
F/O	ENGINE STAB	OFF
F/O	HYDRAULIC	ALL PUMPS ON
CPT	TAKEOFF FL SET	AS REQUESTED
CPT	FLIGHT CON	START
CPT	FLIGHT CON	FINISHED

ENTERING RUNWAY PROC	
F/O	STROBES
F/O	TRANSPONDER
CPT	FIXED LANDING LIGHTS
CPT	RWY TURNOFF LIGHTS
CPT	TAXI LIGHTS

SHUTDOWN PROCEDURE		
CPT TAXI LIGHTS		OFF
CPT SHUTDOWN ENGINES		PERFORM
F/O SEATBELT SIGNS		OFF
F/O ANTI COLLISION LIGHT		OFF
F/O FUEL PUMPS		OFF
F/O WING & ENGINE ANTI-ICE		OFF
F/O ELEC HYD PUMPS		OFF
F/O ISOLATION VALVE		OPEN
F/O APU BLEED		ON
F/O FLIGHT DIRECTORS		OFF
F/O MCP		RESET
F/O TRANSPONDER		RESET
F/O ELAPSED TIME		RESET
SYS DOORS		OPEN

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

SECURE AIRCRAFT		
CPT CAB/UTIL & IFE GALLEY POWER		OFF
F/O TRIM AIR SWITCHES		OFF
CPT IRS		OFF
F/O EMERGENCY EXIT LIGHTS		OFF
F/O WINDOW HEAT		OFF
F/O PACKS		OFF
CPT APU		OFF
CPT BATTERY		OFF
F/O POSITION LIGHT		OFF
F/O HYDRAULICS		OFF

SHUTDOWN CHECKLIST	F/O
CPT IRSs	OFF
CPT EMERGENCY EXIT LIGHTS	OFF
CPT WINDOW HEAT	OFF
CPT PACKS	OFF

BEFORE TAKEOFF CHECKLIST	F/O
GENERATORS	ON
CPT TAKEOFF BRIEFING	REVIEWED
CPT FLAPS	FLAPS ___, GREEN LIGHT
CPT STABILIZER TRIM	___ POINT ___ UNITS
CPT CABIN	SECURE

ELECTRICAL POWER UP PROCEDURES (F/O)	
F/O BATTERY SWITCH	GUARD CLOSED
F/O STANDBY POWER SWITCH	GUARD CLOSED
F/O ALTERNATE FLAPS MASTER SWITCH	GUARD CLOSED
F/O WINDSHIELD WIPER SELECTORS	PARK
F/O ELECTRIC HYDRAULIC PUMPS SWITCHES	OFF
F/O LANDING GEAR LEVER	DOWN
F/O GREEN LANDING GEAR LIGHT	CHECK ILLUMINATED
F/O RED LANDING GEAR LIGHT	CHECK EXTINGUISHED
F/O WEATHER RADAR	OFF
If external power is needed:	
Use Setup Menu left to turn Ground Power on.	
F/O GRD POWER AVAILABLE LIGHT	ILLUMINATED
F/O GROUND POWER SWITCH	ON
BUS OFF LIGHTS	CHECK EXTINGUISHED
If APU power is needed:	
F/O FIRE SWITCHES ENG 1&2, APU	IN
F/O OVERHEAT & FIRE PROTECTION PANEL	CHECK
F/O TEST SWITCH	HOLD OVHT/INOP
F/O TEST SWITCH	HOLD FIRE
F/O ENGINES EXT TEST SWITCH	TEST 1 TO LEFT
F/O ENGINES EXT TEST SWITCH	TEST 2 TO RIGHT
F/O APU	START
F/O	Hold APU switch in START position for 3-4 seconds.

F/O APU GEN OFF BUS LIGHT	ILLUMINATED
F/O APU GENERATOR BUS SWITCHES	ON
F/O TRANSFER BUS LIGHTS	CHECK EXTINGUISHED
F/O SOURCE OFF LIGHTS	CHECK EXTINGUISHED
F/O STANDBY POWER	ON
F/O STANDBY PWR LIGHT	CHECK EXTINGUISHED

KPCREW FOR FLYJSIM B732 PAYWARE (V2.1x)

COLD & DARK - OPTIONAL		CHECKLIST	INTERACTIVE ITEM
TURN AROUND STATE – OPTIONAL		PROCEDURE	AUTOMATIC ITEM
		OPTIONAL PROCEDURE	
POWER UP PROCEDURE		DEPARTURE BRIEFING – OPTIONAL	
PARKING BRAKE	SET	READY FOR THE TAKEOFF BRIEF?	YES
FUEL CONTROLS	CUTOFF	OK, I will be the pilot flying	
BATTERY	ON	We have no MEL issues today	
CONNECT GPU IN MENU	PERFORM	This will be a standard takeoff, noise abatement departure procedure <XXX>	
IF USING APU	APU START	The departure will be via <TYPE> <NAME>	
FIRE PANEL AND EXTINGUISHER	TEST	Our take off thrust is <THRUST SETTING>	
FUEL PUMPS	OFF (EXCEPT FOR APU)	We will use Flaps <FLAP SETTING> for takeoff	
ELECTRIC HYDRAULIC PUMPS	ON	Runway condition is <CONDITION>	
POSITION LIGHTS	STEADY	Anti Ice is <ANTI ICE SETTING>	
WING LIGHTS	ON (IF DARK)	Bleeds will be <BLEED SETTINGS>	
PREFLIGHT PROCEDURE		In case of forced return we are <UNDER/OVERWEIGHT>	
COCKPIT LIGHTING	AS REQUIRED	For the takeoff safety brief	
STALL WARNING	TEST	From 0 to 100 knots for any malfunction I will call reject and we will confirm the autobrakes are operating	
PARKING BRAKE	SET	If not operating I will apply maximum manual breaking and maximum symmetric reverse thrust and come to a full stop on the runway	
CDU PREFLIGHT	PERFORM	After full stop on the runway we decide on course of further actions	
MASTER LIGHTS TEST	PERFORM	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	
FLIGHT DIRECTORS	ON	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	
MCP (COURSES, V2, RWY HDG, ALT)	SET	Above 400 feet I will call for failure action drills as required and you'll perform memory items	
STANDBY INSTRUMENTS	SET	at 800 feet above field elevation I will call for altitude hold and we will retract the flaps on schedule	
SPEEDBRAKE	DOWN DETENT	At 1500 feet I will call for the checklist	
SET UP RADIO TUNING PANEL	PERFORM	If we are above maximum landing weight we will make decision on whether to perform an overweight landing if the situation requires	
YAW DAMPER	ON	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	
IFE & GALLEY POWER	ON	If we have a cargo fire you need to ensure emergency services do not open the cargo doors until evac is completed	
EMERGENCY EXIT LIGHTS	ARMED		
CABIN SIGNS	ON / AUTOMATIC		
WINDOW HEAT	ON		
HYDRAULIC PANEL	SET		
TRIM AIR	ON		
GASPER FANS	ON		
PACKS, ISO VALVE, BLEEDS, APU BLEED	AUTO, OPEN, ON, OFF		
FLIGHT ALTITUDE AND LAND ALT	SET		
WHEEL & LOGO LIGHTS	ON WHEN DARK		
WEATHER RADAR AND TERRAIN	SET		
TRANSPONDER CONTROL PANEL	SET		
NAVIGATION PANEL	SET		
FUEL PANEL	SET		
FUEL QTY TEST	TESTED		
FUEL FLOW	RESET		
PROBE HEAT	OFF		
AIR CONDITIONING PANEL	SET		
CABIN PRESSURIZATION PANEL	SET		
LIGHTING PANEL	SET		
FIRE TESTS	PERFORM		
RUDDER & AILERON TRIM	SET		
PRELIMINARY FLIGHT COMPARTMENT CHECKLIST		BEFORE START CHECKLIST	
OVERHEAT DETECTION	CHECKED	FUEL	___ KGS PUMPS ON
FIRE WARNING	CHECKED	SEAT BELTS	ON
EXTINGUISHER TEST SWITCH	CHECKED	HYDRAULICS	NORMAL
CARGO SMOKE/FIRE SYSTEM	CHECKED	AIR COND & PRESS	PACK(S) SET, BLEEDS ON, SET
APU (IF REQUIRED)	START/ON BUS	INSTRUMENTS	X-CHECKED
EMERGENCY EQUIPMENT	CHECKED	AUTOBRAKE	SET
CIRCUIT BREAKERS	CHECKED	SPEEDBRAKE	DOWN DETENT
FLIGHT RECORDER	TESTED	RADIOS, RADAR, TRANSPONDER	SET
MACH AIRSPEED WARNING	TESTED	PARKING BRAKE	SET
STALL WARNING	TESTED	OXYGEN & INTERPHONE	CHECKED
PASSENGER OXYGEN SWITCH	NORMAL	WINDOW HEAT	ON
GALLEY POWER	ON	N1 & IAS BUGS	SET
EMERGENCY EXIT LIGHTS	ARMED		
NO SMOKING SIGNS	SET		
AUTO PILOT	DISENGAGED		
ANTI-SKID	ON		
FLAP LEVER	CHECKED		
STABILIZER TRIM CUTOUT SWITCHES	NORMAL		
WHEEL WELL FIRE WARNING	CHECKED		
LIGHT TEST	CHECKED		
RUDDER & AILERON TRIM	FREE & ZERO		
YAW DAMPER	ON		
NAVIGATION TRANSFER	NORMAL		
PAPERS	ON BOARD		
FMC/CDU	SET		
		CLEARED FOR START PROCEDURE	
		ISOLATION VLV OPEN	OPEN
		HYDRAULIC PANEL SET	SET
		BEACON	ON
		VERIFY TAKEOFF SPEEDS	ANNOUNCE
		RUDDER & AILERON TRIM	SET
		CLEARED FOR START CHECKLIST	
		MOBILE PHONES	OFF
		START PRESSURE	SET
		ANTICOLLISION LIGHT	ON
		DOORS	CLOSED
		AIR CONDITIONING PACKS	OFF
		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

KPCREW FOR FLYJSIM B732 PAYWARE (V2.1x)

FLIGHT CONTROLS TEST		DESCENT APPROACH CHECKLIST	
MOVE COLUMN FULL LEFT	FULL LEFT – CTR	ANTI-ICE	AS REQUIRED
MOVE COLUMN FULL RIGHT	FULL RIGHT – CTR	AIR COND & PRESS	SET
ELEVATORS	FULL UP - FULL DOWN – CTR	PRESSURIZATION	LANDING ALTITUDE ____
RUDDERS	FULL LEFT-CTR-FULL RIGHT-CTR	ALTIMETER & INSTRUMENTS	SET & X-CHECKED
AFTER START PROCEDURE		N1 & IAS BUGS	CHECKED
GENERATORS	ON	AUTOBRAKE	SET
ISOLATION VALVES/PACKS	AUTO	APPROACH BRIEFING	COMPLETED
HYDRAULICS	ALL ON	LANDING PROCEDURE	
APU	OFF	LIGHTS	APU
TAKEOFF FLAPS	SET	AT 210 KTS	
AFTER START CHECKLIST		AT 180 KTS	
ELECTRICAL GENERATORS	ON	AT 160 KTS	
PROBE HEAT	ON	SPEEDBRAKE	
ANTI-ICE	AS REQUIRED	AT 155 KTS	
AIR COND & PRESS	PACKS ON	MISSED APPROACH ALTITUDE	
ISOLATION VALVE	AUTO	LANDING CHECKLIST	
APU	AS REQUIRED	CABIN	
ENGINE START SWITCHES	IDLE DETENT	SPEEDBRAKE	
BEFORE TAKEOFF CHECKLIST		LANDING GEAR	
RECALL	CHECKED	FLAPS	PARKING BRAKE
FLIGHT CONTROLS	CHECKED	AFTER LANDING - CLEANUP	
FLAPS	FLAPS ___, GREEN LIGHT	SPEEDBRAKES	STABILIZER TRIM
STABILIZER TRIM	___ POINT ___ UNITS	CHRONO	APU
TAKEOFF BRIEFING	REVIEWED	WX RADAR (EFIS PANEL)	APU
CABIN DOOR	LOCKED	APU	APU
BEFORE TAKEOFF PROCEDURE		FLAPS	APU
LANDING LIGHTS	ON	PROBE HEAT	APU
STROBES	ON	LANDING LIGHTS & STROBES	APU
TAXI LIGHTS	OFF	TAXI LIGHTS	APU
TRANSPONDER	ON	RWY TURNOFF LIGHTS	
WX RADAR	ON	AUTOBRAKE	OFF
CHRONOMETER	ET MODE	TRANSPONDER	TAKEOFF THRUST
TAKEOFF AND CLIMB PROCEDURE		SHUTDOWN PROCEDURE	
TAKEOFF THRUST	SET	TAXI LIGHTS	APU
HDG SEL	ON	SHUTDOWN ENGINES	
CALLOUTS	ON	SEATBELT SIGNS	
GEAR	UP AND OFF	BEACON	
A/P MODES	GPS/IAS or HDG/IAS	FUEL PUMPS	APU
AUTOPILOT	SET	WINDOW HEAT	APU
FLAP RETRACTION	AUTOMATIC/MANUAL	WING & ENGINE ANTI-ICE	
ENGINE STARTERS	OFF	ELEC HYD	
LANDING LIGHTS	OFF	ISOLATION VALVE	ELEVATORS
AUTOBRAKE	OFF	APU BLEED	ON
TRANSITION ALTITUDE	AUTOMATIC	FLIGHT DIRECTORS	STABILIZER TRIM
TEN THOUSAND	AUTOMATIC	MCP	APU
AFTER TAKEOFF CHECKLIST		TRANSPONDER	APU
ENGINE BLEEDS	ON	ELAPSED TIME	APU
PACKS	ON	SHUTDOWN CHECKLIST	
MOVE COLUMN FULL LEFT	UP AND OFF	FUEL PUMPS	OFF
MOVE COLUMN FULL LEFT	UP, NO LIGHTS	GALLEY POWER	AS REQUIRED
MOVE COLUMN FULL LEFT	SET BOTH	ELECTRICAL	ON GPU/APU
MOVE COLUMN FULL LEFT		FASTEN BELTS	OFF
MOVE COLUMN FULL LEFT		WINDOW HEAT	OFF
MOVE COLUMN FULL LEFT		PROBE HEAT	OFF
After the arrival we can expect an <TYPE> approach into our destination		ANTI-ICE	OFF
TAKEOFF THRUST	FINAL PROCEDURE	ELECTRIC HYDRAULIC PUMPS	OFF
AUTOBRAKE		ELECTRIC HYDRAULIC PUMPS	OFF
AUTOBRAKE	AUTOPILOT	AIR COND	___ PACK(S), BLEEDS ON
AUTOBRAKE	AUTOTHROTTLE	EXTERIOR LIGHTS	AS REQUIRED
AFTER TAKEOFF CHECKLIST		ANTICOLLISION LIGHT	OFF
Packs will be <ON/OFF>		ENGINE START SWITCHES	OFF
TAKEOFF THRUST	CLEANUP	AUTOBRAKE	OFF
AUTOBRAKE		SPEED BRAKE	DOWN DETENT
CALLOUTS		FLAPS	UP, NO LIGHTS
CALLOUTS		PARKING BRAKE	SET
CALLOUTS		START LEVERS	CUTOFF
CALLOUTS		WEATHER RADAR	OFF
CALLOUTS		TRANSPONDER	STANDBY

CALLOUTS
CALLOUTS
CALLOUTS
CALLOUTS

CALLOUTS
CALLOUTS
CALLOUTS

AFTER TAKEOFF CHECKLIST

IRS	OFF
EMERGENCY EXIT LIGHTS	OFF
WINDOW HEAT	OFF
PACKS	OFF
APU	OFF
BATTERY	OFF
POSITION LIGHT	OFF

SECURING AIRCRAFT CHECKLIST - OPTIONAL

IRS MODE SELECTORS	OFF
EMERGENCY EXIT LIGHTS	OFF
AIR CONDITIONING PACKS	
APU/GROUND POWER	APU/GROUND POWER
TAKEOFF THRUST	TAXI BRIEFING

TAKEOFF THRUST**DEPARTURE BRIEFING****TAKEOFF THRUST****TAKEOFF BRIEFING**

The takeoff speeds are set. V1 is ____ Vr is ____ and V2 today ____

TAKEOFF THRUST**SAFETY BRIEFING**

and we will confirm the autobrakes are operating

maximum symmetric reverse thrust and come to a full stop on the runway

engine fire, engine failure or takeoff configuration warning horn

400 feet are to silence any alarm bells and confirm any failures

you'll perform memory items

and we will retract the flaps on schedule

whether to perform an overweight landing if the situation requires

such a way the flames will be downwind and we will evacuate through the upwind side

do not open the cargo doors until evac is completed

SHUTDOWN PROCEDURE

ANTI COLLISION LIGHT

ELEC HYD PUMPS

DOORS OPEN

POINT F/O

SHUTDOWN PROCEDURE

TRIM AIR S OFF

OFF

FULL UP - FULL DOWN - CTR

POINT F/O