### Zibo 738NG

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

FIFTHICAL DOWNER UP PROCEDURE	(5/0)
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 fl	ap 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	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 IF VOLTAGE OR
====	
F/O TRANSFER BUS LIGHTS	CHECK EXTINGUISHED
F/O SOURCE OFF LIGHTS	CHECK EXTINGUISHED
-	ON
F/O STANDBY POWER	AUT AV EVENNA 1107:
F/O STANDBY POWER F/O STANDBY PWR LIGHT	CHECK EXTINGUISHED
F/O STANDBY POWER	CHECK EXTINGUISHED ON IF DARK CHECK SET

PRELIMINARY PREFLIGHT PROCEDURE	(F/O)
==== IRS Alignment	(1,70)
F/O IRS MODE SELECTORS	OFF
F/O IRS MODE SELECTORS	THEN NAV
Verify ON DC lights illuminate then exti	nguish
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 ATTENDENCE 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

	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 r	ating
	Select full or derated climb thrust	
CPT	TAKEOFF REF page:	OPEN
CPT	FLAPS	ENTER
CPT	CG	ENTER
CPT	V SPEEDS	ENTER
	PREFLIGHT COMPLETE?	VERIFY
CPT	KPCREW DEPARTURE BRIEFING	FILL OUT

CHECKLIST INTERACTIVE ITEM

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 p	umps 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
<<==	

#### Zibo 738NG

PREFLIGHT PROCEDURE	(F/O)
==== APU start if required	(.70)
Overheat and fire protection panel	
F/O OVHT DET SWITCH	NORMAL
F/O OVHT FIRE TEST SWITCH F/O MASTER FIRE WARN LIGHT	HOLD RIGHT 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	
F/O APU GEN OFF BUS LIGHT F/O APU GENERATOR BUS SWITCHES	ILLUMINATED 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 F/O WINDSHIELD WIPER SELECTORS	ON OR AUTO PARK
==== Anti-Ice	1 Aux
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  ==== Hydraulic panel	OFF
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 F/O RECIRCULATION FAN SWITCHES	ON 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	COLUCE ALTITUDE
F/O FLIGHT ALTITUDE INDICATOR F/O LANDING ALTITUDE INDICATOR	CRUISE ALTITUDE 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 F/O LOGO LIGHT SWITCH	OFF 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 F/O ENGINE START SWITCHES	IGN L OR R OFF
==== Mode control panel right	0.1
F/O COURSE NAV1 & NAV2	SET AS REQUIRED
ALL FLIGHT DIRECTOR SWITCHES	ON, LEFT MASTER
CPT BANK ANGLE SELECTOR	AS NEEDED
==== EFIS control panels	BADIO OB BADO
ALL MINIMUMS REFERENCE SELECTOR ALL DECISION HEIGHT / ALTITUDE REFERENCE	RADIO OR BARO
ALL FLIGHT PATH VECTOR SWITCH	OFF
ALL METERS SWITCH	OFF
ALL IVILIENS SWITCH	IN OR HPA
ALL BAROMETRIC REFERENCE SELECTOR	
ALL BAROMETRIC REFERENCE SELECTOR ALL BAROMETRIC SELECTOR	SET LOCAL ALTIMETER SETTING
ALL BAROMETRIC REFERENCE SELECTOR ALL BAROMETRIC SELECTOR ALL VOR/ADF SWITCHES	VOR
ALL BAROMETRIC REFERENCE SELECTOR ALL BAROMETRIC SELECTOR ALL VOR/ADF SWITCHES ALL MODE SELECTOR	VOR MAP
ALL BAROMETRIC REFERENCE SELECTOR ALL BAROMETRIC SELECTOR ALL VOR/ADF SWITCHES ALL MODE SELECTOR ALL CENTER SWITCH	VOR MAP OFF
ALL BAROMETRIC REFERENCE SELECTOR ALL BAROMETRIC SELECTOR ALL VOR/ADF SWITCHES ALL MODE SELECTOR	VOR MAP
ALL BAROMETRIC REFERENCE SELECTOR ALL BAROMETRIC SELECTOR ALL VOR/ADF SWITCHES ALL MODE SELECTOR ALL CENTER SWITCH ALL RANGE SELECTOR	VOR MAP OFF 10 NM
ALL BAROMETRIC REFERENCE SELECTOR ALL WOR/ADF SWITCHES ALL MODE SELECTOR ALL CENTER SWITCH ALL RANGE SELECTOR ALL TRAFFIC SWITCH ALL WEATHER RADAR ALL MAP SWITCHES	VOR MAP OFF 10 NM ON
ALL BAROMETRIC REFERENCE SELECTOR ALL WOR/ADF SWITCHES ALL MODE SELECTOR ALL CENTER SWITCH ALL RANGE SELECTOR ALL TRAFFIC SWITCH ALL WATHER RADAR ALL MAP SWITCHES ==== Forward panel	VOR MAP OFF 10 NM ON OFF AS NEEDED
ALL BAROMETRIC REFERENCE SELECTOR ALL WOR/ADF SWITCHES ALL MODE SELECTOR ALL CENTER SWITCH ALL RANGE SELECTOR ALL TRAFFIC SWITCH ALL WEATHER RADAR ALL MAP SWITCHES  ==== Forward panel CPT LIGHTS TEST	VOR MAP OFF 10 NM ON OFF AS NEEDED
ALL BAROMETRIC REFERENCE SELECTOR ALL WOR/ADF SWITCHES ALL MODE SELECTOR ALL CENTER SWITCH ALL RANGE SELECTOR ALL TRAFFIC SWITCH ALL WEATHER RADAR ALL MAP SWITCHES  ==== Forward panel CPT LIGHTS TEST ALL CLOCK	VOR MAP OFF 10 NM ON OFF AS NEEDED PERFORM SET FO: LOCAL TIME CPT: UTC
ALL BAROMETRIC REFERENCE SELECTOR ALL VOR/ADF SWITCHES ALL MODE SELECTOR ALL CENTER SWITCH ALL RANGE SELECTOR ALL TRAFFIC SWITCH ALL WEATHER RADAR ALL MAP SWITCHES  ==== Forward panel CPT LIGHTS TEST	VOR MAP OFF 10 NM ON OFF AS NEEDED
ALL BAROMETRIC REFERENCE SELECTOR ALL WOR/ADF SWITCHES ALL MODE SELECTOR ALL CENTER SWITCH ALL RANGE SELECTOR ALL TRAFFIC SWITCH ALL WEATHER RADAR ALL MAP SWITCHES  ==== Forward panel CPT LIGHTS TEST ALL CLOCK ALL MAIN PANEL DISPLAY UNITS SELECTOR	VOR MAP OFF 10 NM ON OFF AS NEEDED  PERFORM SET FO: LOCAL TIME CPT: UTC NORM

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 CUTOUT 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 hydrauli	c systems and start engines			
==== Set Fuel panel				
F/O CENTER FUEL PUMPS SWITCHES	AS REQUIRED			
If center tank quantity exceeds 1,000 li	os/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			

	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	МСР	V2, HDG, ALT
PF	TAKEOFF SPEEDS	V1, VR, V2
PF	CDU PREFLIGHT	COMPLETED
СРТ	RUDDER & AILERON TRIM	FREE AND 0
PF	TAXI AND TAKEOFF BRIEFING	COMPLETED
F/O	ANTI COLLISION LIGHT	ON

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	

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 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 LEVER IDLE  When starter switch jumps back call STARTER CUTOUT  CPT START SECOND ENGINE 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 LEVER LIVER LEVER SET When instructed by ground crew after pushback/towing		
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 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	PUSHBACK AND ENGINE START	
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 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	CPT PARKING BRAKE	SET
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 ILEVER 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	CPT PUSHBACK SERVICE	ENGAGE
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 _ LEVER _ IDLE  When starter switch jumps back call STARTIRC 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 _ LEVER _ IDLE  When starter switch jumps back call STARTER CUTOUT  F/O PARKING BRAKE SET  When instructed by ground crew after pushback/towing	Engine Start may be done during pushba	ack or towing
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 _ 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 _ LEVER _ IDLE  When starter switch jumps back call STARTER CUTOUT  F/O PARKING BRAKE SET  When instructed by ground crew after pushback/towing	CPT COMMUNICATION WITH GROUND	ESTABLISH
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 _ 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 _ LEVER _ IDLE  When starter switch jumps back call STARTER CUTOUT  F/O PARKING BRAKE SET  When instructed by ground crew after pushback/towing	CPT PARKING BRAKE	RELEASED
CPT START FIRST ENGINE  CPT ENGINE START SWITCH  Verify that the N2 RPM increases.  When N1 rotation is seen and N2 is at 25%  CPT ENGINE START LEVER  When starter switch jumps back call STARTER CUTOUT  CPT START SECOND ENGINE  CPT ENGINE START SWITCH  Verify that the N2 RPM increases.  When N1 rotation is seen and N2 is at 25%,  CPT ENGINE START LEVER  When N1 rotation is seen and N2 is at 25%,  CPT ENGINE START LEVER  When starter switch jumps back call STARTER CUTOUT  F/O PARKING BRAKE  SET  When instructed by ground crew after pushback/towing	F/O PACKS	AUTO OR OFF
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	F/O SYSTEM A HYDRAULIC PUMPS	ON
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_ 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	CPT START FIRST ENGINE	STARTING ENGINE _
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	CPT ENGINE START SWITCH	START SWITCH _ TO GRD
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	Verify that the N2 RPM increases.	
When starter switch jumps back call STARTER CUTOUT  CPT START SECOND ENGINE  CPT ENGINE START SWITCH  Verify that the N2 RPM increases.  When N1 rotation is seen and N2 is at 25%,  CPT ENGINE START LEVER  When starter switch jumps back call STARTER CUTOUT  F/O PARKING BRAKE  SET  When instructed by ground crew after pushback/towing	When N1 rotation is seen and N2 is at 2	25%
CPT START SECOND ENGINE  CPT ENGINE START SWITCH  Verify that the N2 RPM increases.  When N1 rotation is seen and N2 is at 25%,  CPT ENGINE START LEVER  When starter switch jumps back call STARTER CUTOUT  F/O PARKING BRAKE  SET  When instructed by ground crew after pushback/towing	CPT ENGINE START LEVER	LEVER _ IDLE
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 starter switch jumps back call ST	ARTER CUTOUT
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	CPT START SECOND ENGINE	STARTING ENGINE _
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	CPT ENGINE START SWITCH	START SWITCH _ TO GRD
CPT ENGINE START LEVER When starter switch jumps back call STARTER CUTOUT  F/O PARKING BRAKE SET When instructed by ground crew after pushback/towing	Verify that the N2 RPM increases.	
When starter switch jumps back call STARTER CUTOUT  F/O PARKING BRAKE  SET  When instructed by ground crew after pushback/towing	When N1 rotation is seen and N2 is at 2	25%,
F/O PARKING BRAKE SET When instructed by ground crew after pushback/towing	CPT ENGINE START LEVER	LEVER _ IDLE
When instructed by ground crew after pushback/towing	When starter switch jumps back call ST	ARTER CUTOUT
, , , , , ,	F/O PARKING BRAKE	SET
11 16 1	When instructed by ground crew after	pushback/towing
When pushback/towing complete	When pushback/towing complete	
CPT TOW BAR DISCONNECTED VERIFY	CPT TOW BAR DISCONNECTED	VERIFY
CPT LOCKOUT PIN REMOVED VERIFY	CPT LOCKOUT PIN REMOVED	VERIFY

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

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	ar.
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 the	n extinguish.
F/O TRANSPONDER	AS NEEDED
F/O LOWER DU	OFF

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

	BEFORE TAXI CHECKLIST	(F/O)
F/0	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
СРТ	ENGINE START LEVERS	IDLE DETENT
СРТ	FLIGHT CONTROLS	CHECKED
ALL	GROUND EQUIPMENT	CLEAR

DESCENT PROCEDURE	AT BEGINNING OF DESCENT	AFTER LANDING PROCEDURE	
M LH & RH CTR FUEL PUMP SWITCHES	OFF	CPT SPEED BRAKE	DOWN
If center tank quantity below 3,000 l	bs/1400 kgs	CPT CHRONO and ET	STOP
M PRESSURIZATION	LAND ALT FT	CPT WX RADAR (EFIS PANEL)	OFF
PM RECALL	CHECKED ALL OFF	F/O PROBE HEAT	OFF
PF VREF	SELECT IN FMC	F/O STROBE LIGHTS	OFF
PM LANDING DATA	VREF, MINIMUMS	CPT LANDING LIGHTS	OFF
Set/verify navigation radios & course	for the approach	CPT RWY TURNOFF LIGHTS	OFF
M AUTO BRAKE SELECT SWITCH	AS NEEDED	CPT TAXI LIGHTS	ON
		F/O ENGINE START SWITCHES	OFF
		F/O TRAFFIC	OFF
DESCEND CHECKLIST	PM	F/O AUTOBRAKE	OFF
PMPRESSURIZATION	LANDING ALTITUDE	F/O TRANSPONDER	STANDBY OR TARA
ALL RECALL	CHECKED	F/O FLAPS	UP
PM AUTOBRAKE		F/O APU	START IF REQUIRED
ALL LANDING DATA	VREF, MINIMUMS FEET	Hold APU switch in START position for 3	3-4 seconds
PF APPROACH BRIEFING	COMPLETED	F/O APU GEN OFF BUS LIGHT	CHECK ILLUMINATED
ARRIVAL PROCEDURE	AT BEGINNING OF STAR	SHUTDOWN PROCEDURE	
Whatever comes first		CPT TAXI LIGHT SWITCH	OFF
TRANSITION LEVEL	ANNOUNCE REACHED	CPT PARKING BRAKE	SET
ALL ALTIMETERS	QNH	==== Electrical power	
====		F/O APU GENERATOR BUS OR GPU	ON
PM 10.000 FT	ANNOUNCE REACHED	CPT ENGINE START LEVERS	CUTOFF
PM LANDING LIGHTS	ON	F/O FASTEN BELTS SWITCH	OFF
PM FASTEN BELTS SWITCH	ON	F/O ANTI COLLISION LIGHT SWITCH	OFF
PM AUTO BRAKE SELECT SWITCH	AS NEEDED	F/O FUEL PUMPS	APU 1 PUMP ON, REST OFF or
PM LOGO LIGHT SWITCH	AS NEEDED	F/O FUEL PUMPS	ALL OFF
		CPT CAB/UTIL POWER SWITCH	ON
		CPT IFE/PASS SEAT POWER SWITCH	OFF
APPROACH CHECKLIST	PM	F/O PROBE HEAT	OFF
ALL ALTIMETERS	SET QNH	F/O WING ANTI-ICE SWITCH	OFF
PM NAV AIDS	SET AND CHECKED	F/O ENGINE ANTI-ICE SWITCHES	OFF
		F/O ENGINE HYDRAULIC PUMP SWITCHES	ON
		F/O ELECTRIC HYDRAULIC PUMP SWITCHES	OFF
LANDING PROCEDURE		F/O RECIRCULATION FAN SWITCHES	AUTO
PT LANDING LIGHTS	ON	F/O AIR CONDITIONING PACK SWITCHES	AUTO
CPT RWY TURNOFF LIGHTS	ON	F/O ISOLATION VALVE SWITCH	OPEN
PM ENGINE START SWITCHES	CONT	F/O ENGINE BLEED AIR SWITCHES	ON
PM SPEED BRAKE	ARMED	F/O APU BLEED AIR SWITCH	ON
CPT COURSE NAV 1	SET	F/O FLIGHT DIRECTOR SWITCHES	OFF
PM COURSE NAV2	SET	F/O TRANSPONDER	STBY
==== Flaps & Gear Schedule		F/O MCP	RESET
PM FLAPS 1 SPEED	REACHED		
PM FLAPS 1	SET		
PM FLAPS 5 SPEED	REACHED	SHUTDOWN CHECKLIST	F/O
PM FLAPS 5	SET	F/O FUEL PUMPS	OFF
PM FLAPS 10 SPEED	REACHED	F/O PROBE HEAT	OFF
PM FLAPS 10	SET	F/O HYDRAULIC PANEL	SET
PM LANDING GEAR	SET	CPT FLAPS	UP NO LIGHTS
PM FLAPS 15 SPEED	REACHED	CPT PARKING BRAKE	SET
PM FLAPS 15	SET	CPT ENGINE START LEVERS	CUTOFF
PM FLAPS 25 SPEED	REACHED	ALL WEATHER RADAR	OFF
PM FLAPS 25	SET		
PM FLAPS 30	SET IF REQUIRED		
PM FLAPS 40	SET IF REQUIRED	SECURE AIRCRAFT	
====		CPT CAB/UTIL & IFE GALLEY POWER	OFF
PM SPEED BRAKE	ARMED	F/O TRIM AIR SWITCHES	OFF
PM GO AROUND ALTITUDE	SET	CPT IRS	OFF
PM GO AROUND HEADING	SET	F/O EMERGENCY EXIT LIGHTS	OFF
		F/O WINDOW HEAT	OFF
		F/O PACKS	OFF
LANDING CHECKLIST	PM	CPT APU	OFF
PF ENGINE START SWITCHES	CONT	CPT BATTERY	OFF
PF SPEEDBRAKE	ARMED	F/O POSITION LIGHT	OFF
PF LANDING GEAR	DOWN	F/O HYDRAULICS	OFF
PF FLAPS	GREEN LIGHT		
		SHUTDOWN CHECKLIST	F/O
		CPT IRSs	OFF
		CPT EMERGENCY EXIT LIGHTS	OFF
		CPT WINDOW HEAT	OFF

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

	ELECTRICAL POWER UP PROCEDURE	(F/O)
	== Initial Checks	
	==== DC Electric Power	
	CIRCUIT BREAKERS (P6 PANEL)	CHECK
F/O	CIRCUIT BREAKERS (CONTROL,P18)	CHECK
	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	
	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
	SOURCE OFF LIGHTS	CHECK EXTINGUISHED
F/O	STANDBY POWER	ON
F/O	STANDBY PWR LIGHT	CHECK EXTINGUISHED



REFLICHT PROCEDURE  If APU not started: Overheat and fire protection panel F/O FIRE SWITCHES ENG 18.2, APU F/O OVERHEAT & FIRE PROTECTION PANEL F/O ETEST SWITCH F/O TEST SWITCH F/O TEST SWITCH F/O ENGINES EXT TEST SWITCH F/O APU GENERATOR BUS SWITCHES F/O APU GENERATOR BUS SWITCHES F/O SPOURCE OF LIGHTS F/O SOURCE OF LIGHTS F/O STANDBY POWER F/O FIGHT SWITCHES F/O FIGHT SWITCHES F/O FIGHT SWITCHES F/O FIGHT SWITCHES F/O STANDBY POWER SWITCH F/O FIGHT SWITCHES F/O STANDBY POWER SWITCH F/O FIGHT SWITCHES F/O FIGHT SWITCHES F/O FIGHT SWITCHES F/O FIGHT SWITCHES F/O STANDBY POWER SWITCH F/O FIGHT SWITCHES F/O FIGHT SWITCH FUEL PANEL FIGHT CONTROL SWITCHES FIGHT SWITCH FOR GUARD CLOSED F/O FIGHT SWITCH FUEL PANEL FIGHT SWITCH FOR GUARD CLOSED F/O FIGHT SWITCH FOR GUARD CLOSED FOR FOR SWITCH FOR GUARD CLOSED FOR		YOU ARE CPT   LHS   PF	KPCREW IS F/O   RHS   PNF   PM
Overheat and fire protection panel  FO OVERHEAT & FIRE PROTECTION PANEL  FO OVERHEAT & FIRE PROTECTION PANEL  FO TEST SWITCH  FO EST SWITCH  FO ENGINES EXT TEST SWITCH  FO APU GEN OFF BUS LIGHT  FO SUNCE OFF LIGHTS  FO SUNCE OFF LIGHTS  FO SUNCE OFF LIGHTS  FO START  FO HOLI APU WAN LIGHT  FO SUNCE OFF LIGHTS  FO START  CHECK EXTINGUISHED  CHECK EXTINGUISHED  FO STARDBY POWER  ON  FO FOLICHIST SPOLIES WITCHES  GUARDS CLOSED  FO ALTERNATE FLAPS MASTER SWITCH  FUEL PANEL  FO SUNCE OFF  FO SUL ELECTOR  CLOSED  FO FOR SWITCH  FO GEN SEVES WITCH  FO GALLEY POWER SWITCH  FO GALLEY POWER SWITCH  FO GALLEY POWER SWITCH  FO GALLEY POWER SWITCH  FO GEN CONSTRUCT SWITCHES  FO GEN GEN SWITCH  FO GEN GEN'S WITCH  FO SUNCE SWITCH  FO SUNCE SWITCH  FO SUNCE SWITCH  FO OFF  FO ELECTIC BUSCONNECT SWITCHES  FO ENGINES WITCH  FO OFF  FO WINDOW HAT SWITCHES  FO FOR SWITCH  FO ON SMOKING SWITCH  FO ON SMOKING SWITCH  FO ON SMOKING SWITCH  FO WINDSHIELD WIPER SELECTOR  FO ON SMOKING SWITCH  FO ON SM			
F/O PICHES SWITCHES END 18.2, APU F/O OVERHEAT & FIRE PROTECTION PANEL F/O TEST SWITCH F/O TEST SWITCH F/O TEST SWITCH F/O ENGINES EXT TEST SWITCH F/O ENGINES EXT TEST SWITCH F/O ENGINES EXT TEST SWITCH F/O Hold APU SWITCH ISTAT POSITION FOR 3-4 seconds. F/O APU GEN OFF BUS LIGHT F/O APU GEN OFF BUS LIGHT F/O APU GEN OFF BUS LIGHT F/O APU GEN FOR SWITCHES F/O SOURCE OFF LIGHTS F/O STANDSY POWER F/O STANDSY POWER F/O STANDSY POWER F/O STANDSY PWE LIGHT FIGHT CONTROL SWITCHES F/O FIGHTS FOR SWITCH FIGHT CONTROL SWITCHES F/O FIGHTS FOR SWITCH FIGHT CONTROL SWITCHES F/O FIGHT SWITCH FIGHT CONTROL SWITCHES F/O FIGHT SWITCH FIGHT CONTROL		If APU not started:	
FJO OVERHEAT & FIRE PROTECTION PANEL FJO TEST SWITCH HOLD OVHT/INDP FJO TEST SWITCH HOLD OVHT/INDP FJO TEST SWITCH FJO ENGINES EXT TEST SWITCH TEST 1 TO LEFT FJO ENGINES EXT TEST SWITCH TEST 2 TO RIGHT FJO APU GEN OFF BUS LIGHT FJO APU GENERATOR BUS SWITCHES FJO TRANSFER BUS LIGHTS FJO SOURCE OFF LIGHTS CHECK EXTINGUISHED FJO STANDBY POWER FJO STANDBY POWER FJO STANDBY POWER FJO FLIGHT CONTROL SWITCHES FJO FLIGHT SPOILER SWITCHES FJO FLIGHT SPOILER SWITCHES FJO ALTERNATE FLAPS MASTER SWITCH FJO TAMPER SWITCH FJO TAMPER SWITCH FJO TAMPER SWITCH FJO TAMPER SWITCH FJO FLIGHT SPOILER SWITCHES FJO APU GENER SWITCH FJO FLIGHT SOURCES FJO ALTERNATE FLAPS MASTER SWITCH FJO FLIGHT SPOILER SWITCH FJO TO SWITCHES FJO FLIGHT SPOILER SWITCH FJO FLIGHT SPOILER SWITCH FJO FLIGHT SPOILER SWITCH FJO GOASSFEED SELECTOR FJO FLIGHT SWITCH FJO FLIGHT SWITCH FJO GENER SWITCH FJO GENER SWITCH FJO GALFER SWITCH FJO GOAN SWITCH FJO GEN DRIVE DISCONNECT SWITCHES FJO FLIGHT SWITCH FJO GEN DRIVE DISCONNECT SWITCHES FJO FROM FLIGHT SWITCH FJO GALFER SWITCH FJO GOAN SWITC			
FLO TEST SWITCH HOLD OVERT/INOP FLO TEST SWITCH HOLD FIRE FLO ENGINES EXT TEST SWITCH TEST 1 TO LEFT FLO ENGINES EXT TEST SWITCH TEST 1 TO LEFT FLO ENGINES EXT TEST SWITCH TEST 2 TO RIGHT FLO APU GEN OFF BUS LIGHT FLO APU GEN OFF BUS LIGHT FLO APU GEN OFF BUS LIGHT FLO APU GEN OFF BUS LIGHTS FLO APU GENERATOR BUS SWITCHES FLO STARNSER BUS LIGHTS FLO STANDSY POWER ON FLO STANDBY POWER ON FLO STANDBY PWE LIGHT Flight CONTROL SWITCHES FLO ELIGHTS OLDER SWITCHES FLO ELIGHTS OLDER SWITCHES FLO ALTERNATE FLAPS MASTER SWITCH FLO ALTERNATE FLAPS MASTER SWITCH FLO ALTERNATE FLAPS MASTER SWITCH NAVIGATION & DISPLAYS panel FLO HAVE TRANSFER SWITCH FLO GROSSFEED SELECTOR FLO GROSSFEED SELECTOR FLO FUEL HEAT SWITCHES FLO GROSSFEED SELECTOR FLO FUEL HEAT SWITCHES FLO GRASTER SWITCH FLO BANDER SWITCH FLO BANDER SWITCH FLO GRASTER SWITCH FLO GRASTER SWITCH FLO GRASTER SWITCH FLO GALTERY SWITCH FLO GRASTER SWITCH FLO GRASTE			
F/O TEST SWITCH F/O ENGINES EXT TEST SWITCH F/O ENGINES EXT TEST SWITCH F/O ENGINES EXT TEST SWITCH F/O APU START F/O APU START F/O APU START F/O APU GEN OFF BUS LIGHT ILLUMINATED F/O APU GEN OFF BUS LIGHT ILLUMINATED F/O APU GEN OFF BUS LIGHT F/O APU GENERATOR BUS SWITCHES ON F/O SOURCE OFF LIGHTS CHECK EXTINGUISHED F/O SOURCE OFF LIGHTS CHECK EXTINGUISHED F/O SOURCE OFF LIGHTS CHECK EXTINGUISHED F/O STANDBY PWR LIGHT FIRIT SPOILER SWITCHES GUARDS CLOSED F/O FLIGHT SPOILER SWITCHES GUARDS CLOSED F/O FLIGHT SPOILER SWITCHES GUARDS CLOSED F/O AVAN DAMPER SWITCH FOO YAWN DAMPER SWITCH FUEL PUMP SWITCHES OFF F/O GALLEY POWER SWITCH F/O GALLEY POWER SWITCH F/O GALLEY POWER SWITCH F/O GALLEY POWER SWITCH F/O BUS TRANSFER SWITCH F/O EMPRENCY EXTIL GLOSED F/O BUS TRANSFER SWITCH F/O SMOKING SWITCH F/O SMOKING SWITCH F/O ON SMOKING SWITCH F/O WINDOW HEAT SWITCHES ON F/O GALLEY DEVEN SWITCH ON F/O SATEN BELTS SWITCH ON F/O WINDOW HEAT SWITCHES ON F/O WINDOW HEAT SWITCHES ON F/O GANDER ANTI-ICE SWITCHES ON F/O GANDER ANTI-ICE SWITCHES ON F/O GASPER FAN SWITCH ON			
F/O ENGINES EXT TEST SWITCH F/O ENGINES EXT TEST SWITCH F/O ROUND SWITCH IN START F/O HOLD APU SWITCH IN START POSITION FOR START F/O HOLD APU SWITCH IN START POSITION FOR START F/O APU GENERATOR BUS SWITCHES F/O APU GENERATOR BUS SWITCHES F/O SOURCE OFF LIGHTS CHECK EXTINGUISHED CHECK EXTINGUISHE			•
F/O APU GEN OFF BUS LIGHT F/O HOID APU SWITCH IN START position for 3-4 seconds. F/O APU GEN OFF BUS LIGHT F/O APU GENERATOR BUS SWITCHES ON F/O TRANSFER BUS LIGHTS F/O SOURCE OFF LIGHTS CHECK EXTINGUISHED F/O STANDBY POWER ON F/O STANDBY POWER ON F/O STANDBY POWER ON F/O STANDBY POWER F/O ALTERNATE FLAPS MASTER SWITCHES F/O ALTERNATE FLAPS MASTER SWITCH F/O ALTERNATE FLAPS MASTER SWITCH F/O VHF NAV TRANSFER SWITCH F/O VHF NAV TRANSFER SWITCH F/O FUGHT SWITCHES GUARDS CLOSED F/O FUGHT SWITCHES F/O FUGHT SWITCH F/O STANDBY POWER SWITCH F/O GANDRY DOWER SWITCH F/O EQUIPMENT COOLING SWITCHES F/O FON OS MOKING SWITCH F/O FASTEN BELTS SWITCH F/O FASTEN BELTS SWITCH F/O WINDSHIELD WIPER SELECTORS F/O ENGINE ANTI-ICE SWITCHES F/O AIR CONDITIONING PACK SWITCHES F/O AIR CONDITIONING PACK SWITCHES F/O AIR CONDITIONING PACK SWITCHES ON F/O PITCH STATIC HEAT SWITCHES ON F/O FERSENCIATION PACK SWITCHES ON F/O AIR CHEMPERATURE SOURCE SELECTOR AIR CONDITIONING PACK SWITCHES ON F/O CABIN ANTI SUITCH F/O CABIN ANTI SWITCH F/O CABIN ANTI SWITCH F/O CABIN ANTI SWITCH F/			
F/O APU GEN OFF BUS LIGHT  F/O APU GEN OFF BUS LIGHT  F/O APU GENCATOR BUS SWITCHES F/O APU GENCATOR BUS SWITCHES F/O STANDSER RUS LIGHTS  F/O STANDSER RUS LIGHTS  F/O STANDSER RUS LIGHTS  F/O STANDSEY PWR LIGHT FIIGHT CONTROL SWITCHES F/O FLIGHT SPOILER SWITCHES F/O FLIGHT SPOILER SWITCHES F/O FLIGHT SPOILER SWITCHES F/O FLIGHT SPOILER SWITCHES F/O ALTERNATE FLAPS MASTER SWITCH NAVIGATION & DISPLAYS panel F/O YAW DAMPER SWITCH F/O YAW DAMPER SWITCH F/O FUEL PUMP SWITCHES F/O GEN BRIVE SWITCH F/O GEN DRIVE DISCONNECT SWITCH F/O GEN DRIVE DISCONNECT SWITCHES F/O EMBRENCY EXIT LIGHTS SWITCH F/O EMBREGENCY EXIT LIGHTS SWITCH F/O FOR SMOKING SWITCH F/O MINDSHIELD WIPER SELECTORS F/O FOR SHADER SWITCH F/O MINDSHIELD WIPER SELECTORS F/O PINDS WITCHES F/O PINDSHIP SWITCH F/O MINDSHIELD WIPER SELECTORS F/O PINDS ANTI-ICE SWITCH F/O MINDSHIELD WIPER SELECTORS F/O BOUND INTERCONNECT SWITCHES F/O PINDS TARTI-ICE SWITCH F/O PINDS WITCHES F/O PINDS TARTI-ICE SWITCH F/O PINDS TRAIL-ICE SWITCH F/O PINDS TRAIL-ICE SWITCH F/O PINDS TRAIL-ICE SWITCH F/O PINDS TRAIL-ICE SWITCH F/O PINDSHIELD WIPER SELECTORS F/O PINDS HELD WIPER SELECTORS F/O PINDS HELD WIPER SELECTORS F/O PINDS HELD WIPER SELECTORS F/O PINDS TRAIL-ICE SWITCH F/O PINDS HELD WIPER SELECTORS F/O PINDS TRAIL-ICE SWITCH F/O PINDS HELD WIPER SWITCHES ON F/O PINDS HELD WIPER SWITCH ON F/O PINDS HELD WIPER SWITCH ON F/O SUBJENCE SWITCH ON F/O PINDS HELD WIPER SWI			TEST 2 TO RIGHT
F/O APU GEN OFF BUS LIGHT F/O APU GENERATOR BUS SWITCHES F/O TRANSFER BUS LIGHTS F/O STANDBY POWER F/O STANDBY POWER F/O STANDBY POWER F/O FLIGHT SPOILER SWITCHES F/O FLIGHT SPOILER SWITCHES F/O FLIGHT SPOILER SWITCHES F/O LIGHT SPOILER SWITCHES F/O ALTERNATE FLAPS MASTER SWITCH F/O YAW DAMPER SWITCH FUEL PURP SWITCH FUEL PURP SWITCHES F/O FLIGHT SWITCHES F/O FLIGHT SWITCHES F/O FLIGHT SPOILER SWITCH FUEL PURP	F/O	APU	START
F/O APU GENERATOR BUS SWITCHES F/O TRANSFER BUS LIGHTS F/O STANDER POWER F/O STANDBY POWER F/O FLIGHT FIIIGHT CONTROL SWITCHES F/O FLIGHT SOLLER SWITCHES F/O FLIGHT SOLLER SWITCHES F/O PLIGHT SOLLER SWITCHES F/O ALTERNATE FLAPS MASTER SWITCH F/O ALTERNATE FLAPS MASTER SWITCH F/O YAW DAMPER SWITCH F/O YAW DAMPER SWITCH F/O YAW DAMPER SWITCH F/O FOORSSFEED SELECTOR F/O FUEL HEAT SWITCHES F/O FUEL PLIMP SWITCHES F/O FUEL HEAT SWITCHES F/O FUEL HEAT SWITCH F/O GEN BRIVE DISCONNECT SWITCHES F/O GEN BRIVE DISCONNECT SWITCHES F/O EQUIPMENT COOLING SWITCH F/O EMBRECHEV EXIT LIGHTS SWITCH F/O ON SMOKING SWITCH F/O STANDSHEED WIPER SELECTOR F/O WINDOW HEAT SWITCHES F/O BRINE ANTI-LEE SWITCH GROUND INTERCONNECT SWITCHES F/O BRINE ANTI-LEE SWITCH F/O FOR SATTEN FLECTORS F/O WINDOW HEAT SWITCHES F/O BRINE ANTI-LEE SWITCH GROUND INTERCONNECT SWITCHES F/O BRINE ANTI-LEE SWITCH F/O ELECTRIC HYDRAULIC PUMPS SWITCHES F/O GASPER FAN SWITCH F/O ELECTRIC HYDRAULIC PUMPS SWITCHES F/O BRINE ANTI-LEE SWITCHES F/O BRINE ANTI-LEE SWITCH F/O ELECTRIC HYDRAULIC PUMPS SWITCHES F/O BRINE BLEED AIR SWITCHES F/O SINGHE BLEED AIR SWITCHES F/O BRINE SUBED AIR SWITCHES F/O ELECTRIC HYDRAULIC PUMPS SWITCHES F/O ENGINE BLEED AIR SWITCHES F/O ELECTRIC HYDRAULIC PUMPS S		•	
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F/O AIR CONDITIONING PACK SWITCHES F/O ISOLATION VALVE SWITCH F/O ENGINE BLEED AIR SWITCHES F/O APU BLEED AIR SWITCH Cabin pressurization panel F/O FLIGHT ALTITUDE INDICATOR F/O LANDING ALTITUDE INDICATOR CABIN RATE SELECTOR CABIN ALTITUDE INDICATOR CABIN ALTITUDE INDICATOR CABIN BATE SELECTOR CABIN ALTITUDE INDICATOR Lighting panel F/O LANDING LIGHT SWITCHES F/O RUNWAY TURNOFF LIGHT SWITCHES F/O TAXI LIGHT SWITCH F/O LOGO LIGHT SWITCH F/O LOGO LIGHT SWITCH F/O ANTI-COLLISION LIGHT SWITCH F/O WING ILLUMINATION SWITCH F/O WHEEL WELL LIGHT SWITCH AS NEEDED F/O ENGINE START SWITCHES 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 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 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 WHEEL WELL LIGHT SWITCH AS NEEDED F/O WHEEL WELL LIGHT SWITCH AS NEEDED F/O ENGINE START SWITCHES OFF			
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Cabin pressurization panel  F/O FLIGHT ALTITUDE INDICATOR  CAUSE ALTITUDE  CABIN RATE SELECTOR  CABIN ALTITUDE INDICATOR  CABIN ALTITUDE INDICATOR  CABIN ALTITUDE INDICATOR  Lighting panel  F/O LANDING LIGHT SWITCHES  F/O RUNWAY TURNOFF LIGHT SWITCHES  F/O TAXI LIGHT SWITCH  CAS NEEDED  F/O POSITION LIGHT SWITCH  AS NEEDED  F/O WING ILLUMINATION SWITCH  AS NEEDED  F/O WHEEL WELL LIGHT SWITCH  AS NEEDED  F/O ENGINE START SWITCHES  OFF			
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F/O CABIN RATE SELECTOR  CABIN ALTITUDE INDICATOR Lighting panel F/O LANDING LIGHT SWITCHES F/O RUNWAY TURNOFF LIGHT SWITCHES OFF F/O TAXL LIGHT SWITCH F/O LOGO LIGHT SWITCH AS NEEDED F/O POSITION LIGHT SWITCH AS NEEDED F/O ANTI-COLLISION LIGHT SWITCH F/O WHICH AS NEEDED F/O WHICH LIGHT SWITCH F/O WHICH SWITCH F/O ENGINE START SWITCHES OFF			
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Lighting panel  F/O LANDING LIGHT SWITCHES  F/O RUNWAY TURNOFF LIGHT SWITCHES  F/O TAXI LIGHT SWITCH  COFF  F/O LOGO LIGHT SWITCH  AS NEEDED  F/O POSITION LIGHT SWITCH  AS NEEDED  F/O WING ILLUMINATION SWITCH  AS NEEDED  F/O WING ILLUMINATION SWITCH  AS NEEDED  F/O WHEEL WELL LIGHT SWITCH  AS NEEDED  F/O ENGINE START SWITCHES  OFF	.,0		
F/O RUNWAY TURNOFF LIGHT SWITCHES F/O TAXI LIGHT SWITCH F/O LOGO LIGHT SWITCH F/O POSITION LIGHT SWITCH F/O ANTI-COLLISION LIGHT SWITCH F/O WING ILLUMINATION SWITCH F/O WHEEL WELL LIGHT SWITCH F/O ENGINE START SWITCHES  OFF F/O ENGINE START SWITCHES  OFF			
F/O TAXI LIGHT SWITCH F/O LOGO LIGHT SWITCH F/O POSITION LIGHT SWITCH F/O ANTI-COLLISION LIGHT SWITCH F/O WING ILLUMINATION SWITCH F/O WHEEL WELL LIGHT SWITCH F/O ENGINE START SWITCHES OFF	F/O		RETRACT AND 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			-
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			
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F/O WHEEL WELL LIGHT SWITCH AS NEEDED F/O ENGINE START SWITCHES OFF			
>>>	F/O	ENGINE START SWITCHES	OFF
			>>>

PREFLIGHT PROCEDURE	(F/O)
Flight Director Panel	
Mode selector	
ALTITUDE HOLD switch	
PITCH COMMAND control	
THOIT COMMINATE CONTROL	
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 proc	edure 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

	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	(ВОТН)
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
ALL	START CLEARANCE	OBTAIN
	Obtain a clearance to pressurize hydraul	ic systems.
	Obtain a clearance to start engines.	
	Set Fuel panel	
F/O	CENTER FUEL PUMPS SWITCHES	ON
	If center tank quantity exceeds 1,000 lb	s/460 kgs
		>>>

Ì		BEFORE START PROCEDURE	(BOTH)
I	F/O	AFT & FORWARD FUEL PUMP SWITCHES	ON
ŀ		Set Hydraulic panel	
l	F/O	ENGINE HYDRAULIC PUMP SWITCHES	OFF
l	F/O	<b>ELECTRIC HYDRAULIC PUMP SWITCHES</b>	ON
I	F/O	ANTI COLLISION LIGHT SWITCH	ON
I		Set Trim	
ı	CPT	STABILIZER TRIM	UNITS
ı	CPT	AILERON TRIM	0 UNITS
ı	CPT	RUDDER TRIM	0 UNITS
	СРТ	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	МСР	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)
PRESIDENT PROCEDURE	(5/0)
PREFLIGHT PROCEDURE	(F/O)
PREFLIGHT PROCEDURE	(CPT)
CPT LIGHTS	TEST
EFIS control panel	120.
CPT MINIMUMS REFERENCE SELECTOR	RADIO/BARO
CPT DECISION HEIGHT OR ALTITUDE REFEREN	•
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	
CPT SPEED BRAKE LEVER CPT REVERSE THRUST LEVERS	DOWN DETENT DOWN
CPT FORWARD THRUST LEVERS	CLOSED
CPT FLAP LEVER	SET
Set the flap lever to agree with the flap	
F/O PARKING BRAKE	SET
CPT ENGINE START LEVERS	CUTOFF
CPT STABILIZER TRIM CUTOUT SWITCHES	NORMAL
CPT RADIO TUNING PANEL	SET

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

EFIS control panel

F/O MINIMUMS REFERENCE SELECTOR

#### TAYI BRIFFING

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 \_

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

RADIO OR BARO

#### SAFETY BRIEFING

From 0 to 100 knots for any malfunction I will call reject

and we will confirm the autobrakes are operating  $% \left\{ \left( 1\right) \right\} =\left\{ \left($ 

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 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?

======= PREFLIGHT CHECKLIST (PM) =======	
OXYGEN	
NAVIGATION & DISPLAY SWITCHESNORMAL, AUTO	
WINDOW HEATON	(PF)
PRESSURIZATION MODE SELECTORAUTO	(PF)
PARKING BRAKESET	(PF)
ENGINE START LEVERS	(PF)
GEAR PINS	
	(/
====== BEFORE START CHECKLIST (F/O) ======	
FLIGHT DECK DOORCLOSED AND LOCKED	
FUEL KGS, PUMPS ON	(CPT)
PASSENGER SIGNSSET	(CPT)
WINDOWSLOCKED	(BOTH)
MCPV2, HDG, ALT	(CPT)
TAKEOFF SPEEDSV1, VR, V2	(BOTH)
CDU PREFLIGHT	(CPT)
RUDDER & AILERON TRIMFREE AND 0	(CPT)
TAXI AND TAKEOFF BRIEFINGCOMPLETED	(CPT)
ANTI COLLISION LIGHTON	(CPT)
THAT COLLISION LIGHT	(011)
====== BEFORE TAXI CHECKLIST (F/O) ======	======
GENERATORSON	(CPT)
PROBE HEATON	(CPT)
ANTI-ICEAS REQUIRED	(CPT)
ISOLATION VALVEAUTO	(CPT)
ENGINE START SWITCHES	(CPT)
RECALL	(CPT)
AUTOBRAKERTO	(CPT)
ENGINE START LEVERS	(CPT)
FLIGHT CONTROLS	(CPT)
GROUND EQUIPMENT	•
Chooks Egottimit	(2011)
====== BEFORE TAKEOFF CHECKLIST (F/O) =====	
GENERATORSON	
TAKEOFF BRIEFINGREVIEWED	
FLAPS, GREEN LIGHT	
STABILIZER TRIM UNITS	(CPT)
CABINSECURE	•
	,-,
====== AFTER TAKEOFF CHECKLIST (PM) ======	=====
TAKEOFF BRIEFINGREVIEWED	(PM)
ENGINE BLEEDSON	(PM)
PACKSAUTO	(PM)
LANDING GEAR	(PM)
FLAPSUP, NO LIGHTS	(PM)
•	(BOTH)
	-

====== DESCENT CHECKLIST (PM) =======	
PRESSURISATIONLAND ALT	
RECALLCHECKED	
AUTOBRAKE	(PM)
LANDING DATAVREF , MINIMUMS	(BOTH)
APPROACH BRIEFING	
====== APPROACH CHECKLIST (PM) =======	
ALTIMETERSQNH	(BOTH)
NAV AIDSSET	
======= LANDING CHECKLIST (PM) =======	
CABINSECURE	(PF)
ENGINE START SWITCHESCONT	(PF)
SPEEDBRAKEARMED	(PF)
LANDING GEARDOWN	(PF)
FLAPS, GREEN LIGHT	(PF)
====== SHUTDOWN CHECKLIST (F/O) =======	
HYDRAULIC PANELSET	(CPT)
PROBE HEATAUTO/OFF	(CPT)
FUEL PUMPSOFF	(CPT)
FLAPSUP	(CPT)
ENGINE START LEVERSCUTOFF	(CPT)
WEATHER RADAROFF	(BOTH)
PARKING BRAKE	(CPT)
EED (if installed)	
EFBs (if installed)SHUT DOWN	(CPT)
IRSsOFF	(CPT)
EMERGENCY EXIT LIGHTSOFF	(CPT)
WINDOW HEATOFF	(CPT)
PACKSOFF	(CPT)
If the aircraft is not handed over to succeedi	.ng
flight crew or maintenance personnel:	(CDM)
EFB switches (if installed)OFF	(CPT)
APU/GRD PWROFF	(CPT)
GROUND SERVICE SWITCHON	(CPT)
BAT SWITCHOFF	(CPT)

FLIGHT PREPARATIONS	OPTIONAL
CPT SET INITIAL STATE	C&D TURNAROUND & POWER UP
CPT OPERATIONAL FLIGHT PLAN (OFP)	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 ext	inguish
	Verify ALIGN lights are illuminated	
F/O	VOICE RECORDER SWITCH	AUTO
F/O	ATTENDENCE BUTTON	PRESS
	CIRCUIT BREAKERS (P6 PANEL	CHECK
	CIRCUIT BREAKERS (P18 PANEL PARKING BRAKE IFE & GALLEY POWER	CHECK SET ON

	BEFORE START PROCEDU
СРТ	ELEVATOR TSET
СРТ	RUDDER TR SET
СРТ	AILERON TR SET
СРТ	AUTOTHRO1ARM
SYS	EXTERNAL DCLOSE
F/O	FUEL PANEL SET FOR START
F/O	ANTI COLLISON
F/O	HYDRAULIC SET FOR START
F/O	ISOLATION OPEN

FL	LIGHT BRIEFINGS	OPTIONAL
PF A	TC CLEARANCE	OBTAINED
PF D	EPARTURE BRIEFING	CHARTS & FMS CHECKED
PF T/	AXI BRIEFING	TAXI ROUTE
PF TA	AKEOFF BRIEFING	OBTAINED
	EFORE TAXI CHECKLIST	F/O
ВІ	EFORE TAXI CHECKLIST	F/O ON
BI CPT G		
BI CPT GI	ENERATORS	ON



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
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

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

DESCEND CHECKLIST	PM
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
СРТ	DH/DA	SET
СРТ	SPEED BRAKE LEVER	ARM
СРТ	AUTO BRAKE	SET
СРТ	AT KTS FLAPS 1	SPEEDCHECK FLAPS 1
СРТ	AT KTS FLAPS 5	SPEEDCHECK FLAPS 5
СРТ	FLAPS 15, GEAR DOWN	SPEEDCHECK FLAPS 15
СРТ	AT KTS FLAPS 30	SPEEDCHECK FLAPS 30
СРТ	FLAPS 40	IF CONFIGURED
СРТ	MISSED APPROACH ALTITUDE	SET

	LANDING CHECKLIST	PM
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
СРТ	AUTOPILOT	OFF
СРТ	AUTOTHROTTLE	OFF

	CLEANUP	
СРТ	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/0	ANNOUN	CSTARTER CU	TOUT
CP	T START ENG	IISTARTING E	NGINE 1
F/0	START PR	ENGINE 1 ST	ART
F/0	ANNOUN	CSTARTER CU	TOUT
CP	T 2 GOOD ST.	ACONFIRM	
F/0	GENERATO	RON	
F/0	PROBE HEA	ION	
F/0	ANTI-ICE	AS REQUIRE	D
F/0	PACKS & IS	AS REQUIRE	D
F/0	BLEEDS	ON	
F/0	O APU	OFF	
F/0	ENGINE STA	AOFF	
F/0	HYDRAULIC	SALL PUMPS	ON
CP'	T TAKEOFF FI	SET AS REQ	JESTED
CP	T FLIGHT CO	NSTART	
CP	T FLIGHT CO	NFINISHED	

	ENTERING RUNWAY PRO
F/O	STROBES
F/O	TRANSPONDER

CPT FIXED LANDING LIGHTS
CPT RWY TURNOFF LIGHTS
CPT TAXI LIGHTS

	SHUTDOWN PROCEDURE	
СРТ	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)
	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	SOFF
F/O	LANDING GEAR LEVER	DOWN
F/0	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 Po	ower 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/0	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/0	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

#### TURN AROUND STATE – OPTIONAL

POWER UP PROCEDURE	
PARKING BRAKE	SET
FUEL CONTROLS	CUTOFF
BATTERY	ON
CONNECT GPU IN MENU	PERFORM
IF USING APU	APU START
FIRE PANEL AND EXTINGUISHER	TEST
FUEL PUMPS	OFF (EXCEPT FOR APU)
ELECTRIC HYDRAULIC PUMPS	ON
POSITION LIGHTS	STEADY
WING LIGHTS	ON (IF DARK)

PREFLIGHT PROCEDURE	
COCKPIT LIGHTING	AS REQUIRED
STALL WARNING	TEST
PARKING BRAKE	SET
CDU PREFLIGHT	PERFORM
MASTER LIGHTS TEST	PERFORM
FLIGHT DIRECTORS	ON
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
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	Г
OVERHEAT DETECTION	CHECKED
FIRE WARNING	CHECKED
EXTINGUISHER TEST SWITCH	CHECKED
CARGO SMOKE/FIRE SYSTEM	CHECKED
APU (IF REQUIRED)	START/ON BUS
EMERGENCY EQUIPMENT	CHECKED
CIRCUIT BREAKERS	CHECKED
FLIGHT RECORDER	TESTED
MACH AIRSPEED WARNING	TESTED
STALL WARNING	TESTED
PASSENGER OXYGEN SWITCH	NORMAL
GALLEY POWER	ON
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

CHECKLIST	INTERACTIVE ITEM
PROCEDURE	AUTOMATIC ITEM
OPTIONAL PROCEDURE	

DEPARTURE BRIEFING – OPTIONAL	
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 abat	tement departure procedure <xxx></xxx>
The departure will be via <type> <name< td=""><th>&gt;</th></name<></type>	>
Our take off thrust is <thrust setting=""></thrust>	
We will use Flaps <flap setting=""> for tak</flap>	eoff
Runway condition is <condition></condition>	
Anti Ice is <anti ice="" setting=""></anti>	
Bleeds will be <bleed settings=""></bleed>	

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 CHECKLIST	
FUEL	KGS PUMPS ON
SEAT BELTS	ON
HYDRAULICS	NORMAL
AIR COND & PRESS	PACK(S) SET, BLEEDS ON, SET
INSTRUMENTS	X-CHECKED
AUTOBRAKE	SET
SPEEDBRAKE	DOWN DETENT
RADIOS, RADAR, TRANSPONDER	SET
PARKING BRAKE	SET
OXYGEN & INTERPHONE	CHECKED
WINDOW HEAT	ON
N1 & IAS BUGS	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 procedure="" start=""></engine>	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

# old FlyJSim B732

# 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
LEVATORS	FULL UP - FULL DOWN - CTR	PRESSURIZATION	LANDING ALTITUDE
RUDDERS	FULL LEFT-CTR-FULL RIGHT-CTR	ALTIMETER & INSTRUMENTS	SET & X-CHECKED
		N1 & IAS BUGS	CHECKED
AFTER CTART PROCEDURE			
AFTER START PROCEDURE		AUTOBRAKE	SET
GENERATORS	ON	APPROACH BRIEFING	COMPLETED
SOLATION VALVES/PACKS	AUTO		TAKEOFF THRUST
HYDRAULICS	ALL ON	LANDING PROCEDURE	
APU	OFF	LIGHTS	APU
TAKEOFF FLAPS	SET	AT 210 KTS	
		┛┃	
		AT 180 KTS	
AFTER START CHECKLIST		AT 160 KTS	
LECTRICAL GENERATORS	ON	SPEEDBRAKE	
		i	
PROBE HEAT	ON	AT 155 KTS	
ANTI-ICE	AS REQUIRED	MISSED APPROACH ALTITUDE	
AID COND & DDECC	DA CKC ON		<del></del>
AIR COND & PRESS	PACKS ON		
SOLATION VALVE	AUTO	LANDING CHECKLIST	
APU	AS REQUIRED	CABIN	
		1	
ENGINE START SWITCHES	IDLE DETENT	SPEEDBRAKE	
-		LANDING GEAR	
BEFORE TAKEOFF CHECKLIST		FLAPS	PARKING BRAKE
RECALL	CHECKED	. 511 9	AFTER TAKEOFF CHECKLIST
FLIGHT CONTROLS	CHECKED	AFTER LANDING - CLEANUP	AL TENTIANCOFF CHECKLIST
FLAPS	FLAPS, GREEN LIGHT	SPEEDBRAKES	STABILIZER TRIM
TAPS STABILIZER TRIM		CHRONO	APU
	POINT UNITS		
TAKEOFF BRIEFING	REVIEWED	WX RADAR (EFIS PANEL)	APU
CABIN DOOR	LOCKED	APU	APU
		FLAPS	APU
BEFORE TAKEOFF PROCEDURE		PROBE HEAT	APU
ANDING LIGHTS	ON	LANDING LIGHTS & STROBES	APU
STROBES	ON	TAXI LIGHTS	APU
TAXI LIGHTS	OFF	RWY TURNOFF LIGHTS	
TRANSPONDER	ON	AUTOBRAKE	OFF
WX RADAR	ON	TRANSPONDER	TAKEOFF THRUST
CHRONOMETER	ET MODE		APU
		SHUTDOWN PROCEDURE	
TAKEOFF AND CLIMB PROCEDURE		TAXI LIGHTS	APU
TAKEOFF THRUST	SET	SHUTDOWN ENGINES	ļ. ·· ·
HDG SEL	ON	SEATBELT SIGNS	
CALLOUTS	ON	BEACON	
GEAR	UP AND OFF	FUEL PUMPS	APU
		WINDOW HEAT	l .
A/P MODES	GPS/IAS or HDG/IAS		APU
AUTOPILOT	SET	WING & ENGINE ANTI-ICE	
LAP RETRACTION	AUTOMATIC/MANUAL	ELEC HYD	le e como o
ENGINE STARTERS	OFF	ISOLATION VALVE	ELEVATORS
ANDING LIGHTS	OFF	APU BLEED	ON
AUTOBRAKE	OFF	FLIGHT DIRECTORS	STABILIZER TRIM
TRANSITION ALTITUDE	AUTOMATIC	МСР	APU
TEN THOUSAND	AUTOMATIC	TRANSPONDER	APU
		ELAPSED TIME	APU APU
AFTER TAKEOFF CHECKLIST			APU
NGINE BLEEDS	ON	SHUTDOWN CHECKLIST	
PACKS	ON	FUEL PUMPS	OFF
MOVE COLUMN FULL LEFT	UP AND OFF	GALLEY POWER	AS REQUIRED
	UP, NO LIGHTS	ELECTRICAL	ON GPU/APU
MOVE COLUMN FULL LEFT	OF, NO LIGHTS		OFF
	SET BOTH	FASTEN BELTS	UFF
MOVE COLUMN FULL LEFT		FASTEN BELTS WINDOW HEAT	OFF
MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT		1 !	
MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT		WINDOW HEAT	OFF
MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT	SET BOTH	WINDOW HEAT PROBE HEAT ANTI-ICE	OFF OFF
MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT After the arrival we can expect an <type></type>	SET BOTH  - approach into our destination	WINDOW HEAT PROBE HEAT ANTI-ICE ELECTRIC HYDRAULIC PUMPS	OFF OFF OFF
MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT After the arrival we can expect an <type> CAKEOFF THRUST</type>	SET BOTH	WINDOW HEAT PROBE HEAT ANTI-ICE ELECTRIC HYDRAULIC PUMPS ELECTRIC HYDRAULIC PUMPS	OFF OFF OFF
MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT  After the arrival we can expect an <type> AKEOFF THRUST AUTOBRAKE</type>	SET BOTH  approach into our destination FINAL PROCEDURE	WINDOW HEAT PROBE HEAT ANTI-ICE ELECTRIC HYDRAULIC PUMPS ELECTRIC HYDRAULIC PUMPS CAIR COND	OFF OFF OFF —PACK(S), BLEEDS ON
MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT  After the arrival we can expect an <type> AKEOFF THRUST AUTOBRAKE AUTOBRAKE</type>	SET BOTH  - approach into our destination FINAL PROCEDURE  AUTOPILOT	WINDOW HEAT PROBE HEAT ANTI-ICE ELECTRIC HYDRAULIC PUMPS ELECTRIC HYDRAULIC PUMPS CIAIR COND DEXTERIOR LIGHTS	OFF OFF OFF PACK(S), BLEEDS ON AS REQUIRED
MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT  After the arrival we can expect an <type> CAKEOFF THRUST AUTOBRAKE AUTOBRAKE AUTOBRAKE</type>	SET BOTH  approach into our destination FINAL PROCEDURE	WINDOW HEAT PROBE HEAT ANTI-ICE ELECTRIC HYDRAULIC PUMPS ELECTRIC HYDRAULIC PUMPS CAIR COND OEXTERIOR LIGHTS OANTICOLLISION LIGHT	OFF OFF OFF PACK(S), BLEEDS ON AS REQUIRED OFF
MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT  After the arrival we can expect an <type> CAKEOFF THRUST AUTOBRAKE AUTOBRAKE AUTOBRAKE AUTOBRAKE AUTOBRAKE AUTOBRAKE AUTOBRAKE AUTOBRAKE</type>	SET BOTH  - approach into our destination FINAL PROCEDURE  AUTOPILOT	WINDOW HEAT PROBE HEAT ANTI-ICE ELECTRIC HYDRAULIC PUMPS CLAIR COND OEXTERIOR LIGHTS OANTICOLLISION LIGHT ENGINE START SWITCHES	OFF OFF OFF OFF — PACK(S), BLEEDS ON AS REQUIRED OFF
MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT  After the arrival we can expect an <type> CAKEOFF THRUST AUTOBRAKE AUTOBRAKE AUTOBRAKE AUTOBRAKE AUTOBRAKE AFTER TAKEOFF CHECKLIST Packs will be <on off=""></on></type>	SET BOTH  - approach into our destination FINAL PROCEDURE  AUTOPILOT  AUTOTHROTTLE	WINDOW HEAT PROBE HEAT ANTI-ICE ELECTRIC HYDRAULIC PUMPS ELECTRIC HYDRAULIC PUMPS CAIR COND OEXTERIOR LIGHTS OANTICOLLISION LIGHT ENGINE START SWITCHES AUTOBRAKE	OFF OFF OFF PACK(S), BLEEDS ON AS REQUIRED OFF OFF OFF
MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT  After the arrival we can expect an <type> TAKEOFF THRUST AUTOBRAKE AUTOBRAKE AFTER TAKEOFF CHECKLIST Packs will be <on off=""> TAKEOFF THRUST</on></type>	SET BOTH  - approach into our destination FINAL PROCEDURE  AUTOPILOT	WINDOW HEAT PROBE HEAT ANTI-ICE ELECTRIC HYDRAULIC PUMPS ELECTRIC HYDRAULIC PUMPS CAIR COND OEXTERIOR LIGHTS OANTICOLLISION LIGHT ENGINE START SWITCHES AUTOBRAKE SPEED BRAKE	OFF OFF OFF PACK(S), BLEEDS ON AS REQUIRED OFF OFF OFF OFF OFF DOWN DETENT
MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT  After the arrival we can expect an <type> TAKEOFF THRUST AUTOBRAKE AUTOBRAKE AFTER TAKEOFF CHECKLIST Packs will be <on off=""> TAKEOFF THRUST</on></type>	SET BOTH  - approach into our destination FINAL PROCEDURE  AUTOPILOT  AUTOTHROTTLE	WINDOW HEAT PROBE HEAT ANTI-ICE ELECTRIC HYDRAULIC PUMPS ELECTRIC HYDRAULIC PUMPS CAIR COND OEXTERIOR LIGHTS OANTICOLLISION LIGHT ENGINE START SWITCHES AUTOBRAKE SPEED BRAKE FLAPS	OFF OFF OFF PACK(S), BLEEDS ON AS REQUIRED OFF OFF OFF
MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT After the arrival we can expect an <type> ARKEOFF THRUST AUTOBRAKE AUTOBRAKE AUTOBRAKE AUTOBRAKE AUTOBRAKE AUTOBRAKE AUTOBRAKE ACTOR TAKEOFF CHECKLIST PACKS will be <on off=""> TAKEOFF THRUST AUTOBRAKE</on></type>	SET BOTH  - approach into our destination FINAL PROCEDURE  AUTOPILOT  AUTOTHROTTLE	WINDOW HEAT PROBE HEAT ANTI-ICE ELECTRIC HYDRAULIC PUMPS ELECTRIC HYDRAULIC PUMPS CAIR COND OEXTERIOR LIGHTS OANTICOLLISION LIGHT ENGINE START SWITCHES AUTOBRAKE SPEED BRAKE	OFF OFF OFF PACK(S), BLEEDS ON AS REQUIRED OFF OFF OFF OFF OFF DOWN DETENT
MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT MOVE COLUMN FULL LEFT After the arrival we can expect an <type> AFTER THRUST AUTOBRAKE AUTOBRAKE AUTOBRAKE AUTOBRAKE AFTER TAKEOFF CHECKLIST PACKS will be <on off=""> TAKEOFF THRUST AUTOBRAKE AUTOBRAKE ACTURE THRUST AUTOBRAKE CALLOUTS</on></type>	SET BOTH  - approach into our destination FINAL PROCEDURE  AUTOPILOT  AUTOTHROTTLE	WINDOW HEAT PROBE HEAT ANTI-ICE ELECTRIC HYDRAULIC PUMPS ELECTRIC HYDRAULIC PUMPS CAIR COND OEXTERIOR LIGHTS OANTICOLLISION LIGHT ENGINE START SWITCHES AUTOBRAKE SPEED BRAKE FLAPS	OFF OFF OFF OFF PACK(S), BLEEDS ON AS REQUIRED OFF OFF OFF OFF OFF DOWN DETENT UP, NO LIGHTS
MOVE COLUMN FULL LEFT AFTER THE ARTIVAL WE CAN EXPECT AN CTYPE> FAKEOFF THRUST AUTOBRAKE AUTOBRAKE AUTOBRAKE AUTOBRAKE AFTER TAKEOFF CHECKLIST PACKS WIll be <on off=""> FAKEOFF THRUST AUTOBRAKE CALLOUTS CALLOUTS CALLOUTS CALLOUTS CALLOUTS</on>	SET BOTH  - approach into our destination FINAL PROCEDURE  AUTOPILOT  AUTOTHROTTLE	WINDOW HEAT PROBE HEAT ANTI-ICE ELECTRIC HYDRAULIC PUMPS ELECTRIC HYDRAULIC PUMPS CIAIR COND OEXTERIOR LIGHTS OANTICOLLISION LIGHT ENGINE START SWITCHES AUTOBRAKE SPEED BRAKE FLAPS PARKING BRAKE	OFF OFF OFF OFF PACK(S), BLEEDS ON AS REQUIRED OFF OFF OFF OFF DOWN DETENT UP, NO LIGHTS SET

# old FlyJSim B732

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 - OPT	IONAL
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 \_\_\_

	takeen special are sen 12 is 11 is
TAKEOFF THRUST	SAFETY BRIEFING
TARESTI TIMOST	SALET SHELING
	and we will confirm the autobrakes are operating
	maximum symmetric reverse thrust and come to a full stop on the runway
	maximum symmetric reverse unust and come to a run 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  $% \left\{ \left( 1\right) \right\} =\left\{ \left( 1\right) \right\}$ 

do not open the cargo doors until evac is completed

