

Cockpit Preparation

- Parking Brake - SET
- External Power - Connect via Simicon (Shift+2)
- Battery - ON
- EXT PWR switch - ON
- FLT STA BUS FAIL Lighths - Exting
- INS - STBY
- Windshield Heats - IDLE, OFF
- Exterior Lights - ON if req - Logo On
- Air Data Sensor Heats - OFF
- Antiskid - OFF
- Fasten Seat Belt, No Smoking - ON
- INS - Flightplan Checklist at the end / **Simufly** - **Standard**
- Departure - Dep Runway and SID
- Nav Equipment - Set Freq, Course and Bugs
- Flight Directors - Both SYNC than ON
- Barometers - SET
- Radio Altimeter - Set to Zero
- Throttle - Closed
- Flaps - UP and agree
- Fuel Switches - OFF Down
- Transponder - SET
- Fuel Quantity - Checked
- Crossfeed Valves - 3 OPEN
- Fuel Pumps - Outer Left and Outer Right ON - all other OFF
- Fuel Used Reset - Press
- APU Master Power - ON
- Compressor Mode - MIN
- APU Start switch - Push
- DONT LOAD Light - Wait till exting
- BLEED AIR S/O - OPEN
- HI PRESS - 3 ON
- ENG ISLN VALVE - 3 ON
- CROSS BLEED - 3 ON
- PACK FLOW CONTROL - 3 ON
- Cabin Pressure Control - Set Cruise Alt and Local Baro
- External Power - Disconnect (Shift+2)
- EP Switch - OFF
- INS - Checked and NAV - Perf below 5 - best is 0

BEFORE START to the line

OVERHEAD PANELS	CHECKED
ANTI-SKID.....	CHECKED & OFF
EXTERIOR LIGHTS	CHECKED
EMERGENCY LIGHTING AND STANDBY POWER	CHECKED & ARMED
SEAT BELT/NO SMOKING	ON
AUTOFLIGHT SYSTEM	CHECKED & OFF
FLIGHT INSTRUMENTS.....	CHECKED
ALTIMETERS	SET & CROSSCHECKED
LANDING GEAR	DOWN, 3 GREEN
PARKING BRAKE	SET
THROTTLES	CLOSED
FUEL & IGNITION.....	OFF
RADIOS, RADAR, TRANSPONDER	SET, STANDBY
BATTERY SWITCH	ON
FUEL QUANTITY	_____LBS/KG
FUEL PANEL	CHECKED & SET
ECS PANEL	SET & CHECKED
INS MSU	NAV ENGAGE

Engine Start

BEACON	- ON
PACK FLOW CONTROL	- 1 + 3 OFF
HI PRESS	- 3 OFF
ATM Hyd Pumps	- Both OFF
Galley Power	- 3 OFF
Ignition Selector	- A for outbound of Base - B for inbound
PUSHBACK	- If required

BEFORE START below the line

GROSS WEIGHT	_____LBS/KG
ANTI-COLLISION LIGHT	ON
PACK FLOW CONTROL VALVE	1 OPEN
DOOR OPEN LIGHT	OUT

Start sequence	- 2-1-3
GND START Switch	- Press
N3 Rotation at 20%	- FUEL ON

When stabilised, next engine

After Start

HI PRESS	- 3 ON
PACK FLOW CONTROL	- 3 ON
ATM Hyd Pumps	- Both ON
Galley Power	- 3 ON
Generator Field	- All ON
Generator Breaker	- All ON
Fuel Pumps	- All ON
Cross Feed Valves	- 3 Closed
BLEED AIR S/O	- OFF
APU	- STOP
APU Master	- Remain ON for Cooldown

AIR DATA SENSOR HEAT	- All ON
WINDSHIELD HEAT	- All ON

Before Taxi

Flight Controls	- Checked
Instruments NAV and ENG	- Checked
Taxi Lights	- ON
ANTISKID	- ON
ALT ARM	- ARM
HDG SELECT	- ARM
Flight Director	- Takeoff Mode (Ctrl+Shift+G)
FLAPS	- Set for Takeoff (standard 10°)
Speed Bug	- Set to V2
Stab Trim	- Set Takeoff Trim
Opt EPR	- Set Bugs

BEFORE TAXI

ATM'S	CHECKED/AUTO
CROSS BLEEDS	CHECKED OPEN
TAKEOFF DATA	CONFIRMED RUNWAY_____
AIR DATA SENSOR HEAT	ALL ON/NO LIGHTS
WINDSHIELD HEAT	ON/NO LIGHTS
AUTOFLIGHT & NAV RADIOS	SET & CHECKED
ALTIMETERS/FLIGHT/NAVIGATION INSTRUMENTS	SET & CROSSCHECKED
AIRSPEED BUG	SET
FLAPS	_____/LE EXT GREEN
STABILISER TRIM.....	_____
FLIGHT CONTROLS	CHECKED

Before Takeoff

CONTINUOUS IGNITION	- ON
IGNITION SELECTOR	- BOTH
Exterior Lights	- Strobes - Landing Lights - Nose Wheel - Turnoff ON - Taxi OFF
Transponder	- SET
Number 1 PACK FLOW CONTROL	- OFF
APU Master	- OFF

BEFORE TAKEOFF below the line

IGNITION SELECTOR	BOTH
CONTINUOUS IGNITION	ON
ANTI-SKID	ON
DME'S	NORM
PILOTS ANNUNCIATOR PANEL	CHECKED
TRANSPONDER	NORM
STROBE LIGHTS	ON
LANDING & TURNOFF LIGHTS	ON
NO1 PACK FLOW CONTROL VALVE	CLOSED

After Takeoff

Number 1 PACK FLOW CONTROL	- ON
Cabin Pressure	- Checked
Gear Lever	- NEUTRAL
Continuous Ignition	- As req
Exterior Lights	- Nose Wheel - Turnoff OFF

AFTER TAKEOFF

PACK FLOW CONTROL VALVES	ALL OPEN
PRESSURISATION	CHECKED
LANDING GEAR	UP/NEUTRAL
FLAPS	UP/LIGHTS OUT
CONTINUOUS IGNITION	AS REQUIRED
LIGHTS	AS REQUIRED

BARO SET STD after Transition Alt

Cruise

SEAT BELT / NO SMOKING	- OFF / as req
Cruise Speed	- Throttle Adjustment
Fuel	- Checked and Set

Descent Preparation

Calculating T/D	- Height to lose / 1000 x 3 = Distance - 5 x actual Groundspeed = initial vertical speed
Approach Frequencies Flaps and Speeds	- Check METAR, Runway, Procedures - Checked / Set - Checked (standard 33°)
SEAT BELT / NO SMOKING Cabin Pressure	- ON / as req - Set Dest Airport Elevation - Set actual Dest Airport QNH
Fuel and Fuel Pumps Pilots annunciator panel	- Checked and all ON - Checked
ILS Frequency and Course Radar Altimeter	- SET on F/O side - Set Minimums for Landing

DESCENT

PRESSURISATION	CHECKED
FUEL PANEL	CHECKED
PILOT'S ANNUNCIATOR PANEL	CHECKED
SEAT BELT	ON
APPROACH BRIEFING	COMPLETED

ALT ARM	- Set when change on Altitude Selector
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Approach - Passing FL100

Exterior Lights Barometer	- Landing Lights ON - Set to LOCAL PRESSURE at Transition Level
CONTINUOUS IGNITION ILS Frequency and Course	- ON - SET on F/O side / if req also on CAPT side

APPROACH

CONTINUOUS IGNITION	ON
LIGHTS	AS REQUIRED
HSI NAV SOURCE	CHECKED VOR
ALTIMETERS	SET & CROSSCHECKED
MINIMUMS	SET
INS DATA SELECTOR	WIND
SPEED BRAKE LEVER	FORWARD/LIGHTS OUT

Final Approach

- ATS System - Set Minimum Clean Speed (VREF+60)
- ENGAGE ATS
- Intercepting ILS - A/L = Loc + Glide / Cat II and III Autoland
- APR = Loc + Glide / Cat I
- Second AP - Engage / 2 AP ON

Landing

- FLAPS AND SPEEDS - Checked and Set as req
Gears - DOWN at Glide Intercept

LANDING

HYDRAULIC PANEL CHECKED
LANDING GEAR DOWN, 3 GREEN
FLAPS /LE EXT GREEN
DLC/ALPHA CHECK

After Landing

- DME Selectors - STBY
Flight Directors - OFF
Spoilers - STOWED
- FLAPS - UP
AIR DATA SENSOR HEAT - ALL OFF
WINDSHIELD HEAT - ALL OFF
- CONTINUOUS IGNITION - OFF
ANTI SKID - OFF
EXTERIOR LIGHTS - Landing Lights OFF / Strobes OFF / Taxi Lights ON
- TRANSPONDER - SET
ATM Hyd Pumps - Both OFF
GALLEY POWER - 3 OFF
- APU Master - ON
APU - START

AFTER LANDING

ANTI-SKID..... OFF
CONTINUOUS IGNITION OFF
AIR DATA SENSOR HEAT OFF
WINDSHIELD HEAT IDLE/OFF
STROBE & LANDING LIGHTS OFF
FD/AUTOPILOT/DME OFF/STBY
FLAPS UP/LIGHTS OUT
SPEED BRAKE LEVER FORWARD/LIGHTS OUT
STABILISER TRIM ZERO
RADAR/TRANSPONDER STBY
GALLEY POWER OFF
FUEL CROSS FEED VALVES CLOSED
APU START

Shutdown

APU GENERATOR FIELD	- Checked ON
APU GENERATOR BREAKER	- Checked ON
Fuel Pumps	- One in each Tank OFF
Number 1 PACK FLOW CONTROL	- OFF
FUEL Switches	- OFF / 3 Engines off
APU BLEED AIR S/O	- OPEN
APU Compressor Mode	- NORMAL
Fuel Pumps	- Remaining in Tank 1 + 3 OFF
BEACON	- OFF
INS MSU Selector	- STBY
Open Doors	

Delco Carousel IV-A
by Simuflly

Power On - Warmup - Alignment
Repeat for each installed unit

- Parking Brake - SET (no movement during align process)
- MSU Sel - STBY (warmup start)
- Data Sel - DSRTK/STS / check for Action/Malfunction codes
- Data Sel - POS / Enter actual position (shif+Z for coordinates)
- MSU Sel - ALIGN (alignment starts after warmup is finish)
- Quick Alignment if req - INS on but not in NAV mode - right top screw on MSU
- Data Sel - DSRTK/STS / monitor API (decreasing to 0)

Waypoint Definition
Repeat for each installed unit or use Remote mode

- Data Sel - WAYPT
- Remote if req - Push on all units
- Waypoint Sel - to req Waypoint number (1, 2, ...)
- From-To Display - not blinking (blinking means - part of actual leg)
- Enter Coordinates

Before Pushback / Taxi
Repeat for each installed unit

- Ready Nav Light - Check Illuminated
- MSU Sel - NAV

After Takeoff

- Autopilot - ON
- HDG - ON
- INS Nav Mode Switch - ON
- Nav Source Sel - ONS

DME Position Updating

Data Sel	- DSRTK/STS		
	- Verify MI4 / if not --->	CDU Keyboard	- Push 4
		INSERT Switch/Light	- Push, Out
Data Sel	- WAYPT		
Waypoint Sel	- Select DME ID Number	(1 to 9)	
CDU Keyboard	- Push 7 + 9	(Right Mouse Click on 7 -> 9)	
DME Station Coordinates	- Insert		
CDU Keyboard	- Push 3 + 9	(Right Mouse Click on 3 -> 9)	
CDU Keyboard	- Push N (2)		- INSERT Illuminate
DME Station Elevation	- Insert		
INSERT	- Push		
Data Sel	- DIS/TIME		- Crosscheck Dist CDU/DME
WAYPOINT CHG Switch	- Push		
CDU Keyboard	- Push DME ID Number		
INSERT	- Push		
INS Updating Flag	- Green Flag		
Data Sel	- Waypoint -OR- DIS/TIME	(any other position exits DME update)	

Exiting From DME Updating

Data Sel	- DSRTK/STS
CDU Keyboard	- Push 5
INSERT	- Push
Data Sel	- as req

Delco Carousel IV-A INS
Standard Captain Sim

Position and Alignment

Parking Brake - SET (no movement during align process)
Data Selector - DSRTK/STS
STS Display - 95 (actual perf and desired perf)

Data Selector - POS
Actual Position - Enter / Shift+Z for coordinates
- Lat -> INSERT -> Lon -> INSERT

MSU Selector - ALIGN
Data Selector - DSRTK/STS
- on STS Display, actual perf is decreasing

Quick Alignment if req - After MSU Selector is on ALIGN
- press HOLD and then REMOTE - they illuminate
- Wapoint Selector to 9 - HOLD & REMOTE exting
- quick alignment has begun

Load from FSX Flightplan

FSX Menu Bar - Flights / Flight Planner / Load
- Select Flightplan
- Move aircraft to sel Pos? - No

Waypoints - First 9 Wpts of plan are loaded into INS
- Other Wpts will be loaded to 1 when 9 reached
- Waypoint 1 = departure AP (FSX Flightplan)

Data Selector - WAY PT / Check Waypoints

Flightplan Loaded Function - Click the top right hand screwhead

Manually Flightplan

Data Selector - WAY PT
Waypoint Selector - 1 (or desired Wpt) do not select 0 = present pos

Enter Waypoint - Lat -> INSERT -> Lon -> INSERT
Waypoint Selector - to next Wpt Position / Enter next Wpt

Data Selector - DIS/TIME - Check correctness of Wpts

If more then 9 Wpts - overwrite already flown Wpts starting from 1

Do not overwrite actual FROM or TO Waypoint !!