



Normal procedures for PFI flight



Pre-Start Checklist

Parking Brakes	SET
Throttle	IDLE
Landing Gear Lever	CHECK DOWN
Battery Switches 1-2	ON
Generator Switches 1-2-3	OFF
Motor Switches 1-2-3	OFF/STOP
Inst/Panel Lights	ON
Interior Lights	ON
Fuel Quantity	CHECK
Gross Weight Counter	SET
Transfer Pumps 1-2-3	OFF
Fuel Boost Pumps 1-2-3	OFF
L + R Crossfeeds	CLOSED
Inverters	OFF
Bleed Air / Aircondition	OFF
Slats + Flaps	RETRACT
Spoilers	RETRACT
Flight controls	CHECK
Elevator Trim	SET for takeoff
Avionics Master Switch	ON
Fasten Seat Belts	ON
No Smoking Sign	ON
Check Weather	(ATIS, Flight Services)

Request Clearance

Transponder	STANDBY
Anticollision Lights	ON

Startup Checklist

Engine Area	CLEAR
Throttle	IDLE
Bus Tie	TIED
Bus C + D	ON
Fuel Boost Pumps 1-2-3	ON
Motor Switches 1-2-3	ON

Startup Checklist

Engine Area	CLEAR
Throttle	IDLE
Bus Tie	TIED
Bus C + D	ON
Fuel Boost Pumps 1-2-3	ON
Motor Switches 1-2-3	ON
#2 Engine Start Button	HOLD until 50% N2
#2 Generator Switch	Oil pressure 25-46 psi
#3 Engine Start Button	HOLD until 50% N2
#3 Generator Switch	Oil pressure 25-46 psi
#1 Engine Start Button	HOLD until 50% N2
#1 Generator Switch	Oil pressure 25-46 psi
Bus Tie	NORMAL
Transfer Pumps 1-2-3	ON
Inverters	ON
Bleed Air / Aircondition	ON
Anti-Ice	ON

Before Taxi Checklist

Nav Lights	ON
Taxi Lights	ON
Heading Indicator / Altimeter	SET
Instruments	NORMAL OPERATION
Avionics	SET FOR DEPARTURE
Autopilot	SET and OFF
F/D	ON

Request Taxi Clearance

Taxi Checklist

Yaw Damper	OFF
Parking Brake	RELEASE
Taxi to assigned runway	SPEED max. 20 kts N1=31%
Brakes	CHECK during taxi
Directional Gyro	PROPER IND. during turns
Artificial Horizon	ERECT during turns

Before Take-off Checklist

Parking Brake	SET
Weather Radar	ON
Fuel Quantity	CHECK
Throttle	IDLE
Elevator Trim	SET for takeoff
Slats + Flaps	20 deg
Spoilers	RETRACTED
Flight Controls	FREE AND CORRECT
Engine/Flight Instruments	CHECK
Takeoff Data (V1, Vr, V2, Vfr)	CHECK
Radios and Avionics	SET
Landing Lights	ON
Taxi Lights	OFF
Pitot Heat	ON
Transponder	SET

Request Takeoff Clearance

Take-off Checklist

Smoothly increase thrust to	40% N1 let spool up
Smoothly increase thrust to	FULL
Brakes	RELEASE
V1 =	115 KIAS (descision)
Vr = V2 =	125 KIAS (rotate)
Pitch	15 deg. nose up
At Positive Climb Rate	Touch Brakes
Landing Gear	RETRACT
At Vfr = 140 KIAS	RETRACT Slats + Flaps
Yaw Damper	ON
Spoilers	VERIFY RETRACTED
Anti-Ice	AS REQUIRED

Only for simulation



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Climb-out Checklist

Autopilot	CHECK and SET
Set Speed bug after activating SPD autothrottle !!!	
Fasten Seat Belts	OFF
No Smoking Sign	OFF
Below 10000' max. speed	250 KIAS
Landing Lights	OFF
Above 10000' max. speed	280 KIAS
Engine Instruments	MONITOR
<i>ATC</i>	<i>AS REQUIRED</i>

Cruise Checklist

At Transition Altitude (FL180) set Altimeter to	29.92" (1013mb)
Accelerate to cruise speed	FL180 0.72 mach
	FL240 0.76 mach
	FL280 0.80 mach
	FL330 0.80 mach
Service Ceiling	33'-35'000 ft
Engine+Instruments	CHECK
Engine Temperatures	STABILIZE at cruise cond.
Fuel Quantity	CHECK
Radios	TUNED and SET
Autopilot	CHECK and SET
Lights	as required

Descent Checklist

Atis/Airport Information	CHECK
Altimeter	CHECK
Radios	SET
Anti-Ice	AS REQUIRED
Descent Speed	to FL240 0.76 mach
	to FL180 0.72 mach
At Transition Altitude (FL180) reset Altimeter to local	
	to FL120 300 KIAS
	below 10000ft 250 KIAS
Fuel Quantities and Balance	CHECK
Slats / Flaps / Landing Gear	VERIFY RETRACTED

Approach Checklist

Localizer Level Flight :

Avionics + Radios	SET
Landing Lights	ON
Fasten Seat Belts	ON
No Smoking Sign	ON
Auto Spoilers	ARM
Speed: Establish	185 KIAS
Slats	down
Speed: Establish	160 KIAS
Flaps	20 deg
Speed: Establish	145 KIAS
Landing Gear	DOWN
Turning toward runway: set flaps	48 deg

Final Glideslope Descent :

Speed: Establish	130 KIAS
Parking Brake	VERIFY OFF

Landing Checklist

Landing Gear	CHECK DOWN, 3 GREEN
Autopilot	OFF
Autothrottle (SPD)	OFF
Yaw Damper	OFF
Landing Speed	125 KIAS
Touchdown	MAIN WHEELS FIRST
Landing Roll	LOWER NOSE WHEEL
Spoilers	VERIFY EXTENDED
After touchdown	Apply Reverse Thrust, at 60 KIAS Cancel Reverse Thrust AS REQUIRED
Brakes	

Taxi To Ramp

Slats + Flaps	RETRACT
Spoilers	RETRACT
Taxi Lights	ON
Landing Lights	OFF
Anti-Ice	OFF
Pitot Heat	OFF
Transponder	1200
Weather Radar	OFF
Speed	Max. 20 knots
Elevator Trim	TAKEOFF SETTING
Avionics/Radios	AS REQUIRED

Shutdown Checklist

Parking Brake	SET
Throttle	IDLE
Taxi Lights	OFF
Nav Lights	OFF
Motor Switches 1-2-3	OFF/STOP
Fuel Boost Pumps 1-2-3	OFF
F/D	OFF
Avionics Master Switch	OFF
Bleed Air / Aircondition	OFF
Inverters	OFF
Transfer Pumps 1-2-3	OFF
Bus C + D	OFF
Bus Tie	OFF
Generator Switches 1-2-3	OFF
Fasten Seat Belts	OFF
No Smoking Sign	OFF
Anticollision Lights	OFF
Interior Lights	OFF
Inst/Panel Lights	OFF
Battery Switches 1-2	OFF

Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF

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