



Normal procedures for PFI flight



Startup Checklist

Engine Area	CLEAR
Throttle	IDLE
Fuel Flow Switches	ON
Left Engine	START
Right Engine	START
Generators	CHECK OPERATION
Aircondition	ON
Hyd. Pressure / Eng. Instruments	CHECK
Annunciator Lights	EXTINGUISHED
DC Amperes & Voltage, AC Voltages	CHECK

Before Taxi Checklist

Nav Lights	ON
Standby Gyro	UNCAGE
Heading Indicator	SET
Altimeter	SET
Instruments	NORMAL OPERATION
Radios and Avionics	SET for DEPARTURE
Autopilot	SET, don't activate
Autothrottle	SET, don't activate
F/D	ON
Engine Anti-ice	AS REQUIRED
Cabin Signs	CHECK
Galley Power	ON
Master Test	perform TEST's

Request Taxi Clearance

Taxi Checklist

Parking Brake	RELEASE
Brakes	CHECK during taxi
Directional Gyro	PROPER IND. during turns
Turn Coordinator	PROPER IND. during turns
Artificial Horizon	ERECT during turns
Taxi to assigned runway	SPEED Max. 20 knots

Before Take-off Checklist

Parking Brake	SET
Fuel Crossfeed	NORM
Fuel Quantity and Balance	RECHECK
Throttle	IDLE
Elevator Trim	SET for takeoff
Flaps	20 deg
Spoilers	RETRACTED
Flight Controls	FREE AND CORRECT
Engine Instruments	CHECK
Flight Instruments	CHECK
Takeoff Data (V1, Vr, V2)	CHECK
Radios and Avionics	SET
Landing Lights	ON
Strobe / Recognition Light	ON
Pitot Heat	ON
Heaters	ON
Anti-/De-Ice	AS REQUIRED
Annunciator Lights	CHECK CLEAR
Transponder	ON

Request Takeoff Clearance

Take-off Checklist

Smoothly increase thrust to	40% N1 let spool up
Takeoff Thrust	FULL
Brakes	RELEASE
V1 =	105 KIAS
Vr =	110 KIAS
Pitch	10-12 degrees
V2 =	120 KIAS
At Positive Climb Rate	Touch Brakes
Landing Gear	RETRACT
Yaw Damper	ON
At 400 ft AGL	RETRACT Flaps to 10 deg
At 1'500 ft AGL	RETRACT Flaps UP
Annunciator Lights/Eng. Instruments	CHECK

Climb-out Checklist

Reduce Pitch	to 8 degrees
Trim for	240 KIAS / 1800 fpm
Engine Synchronizer Switch	ON
Autopilot/Autothrottle	CHECK and ACTIVATE
Landing Lights	OFF
Anti /De Ice	AS REQUIRED
Below 10000' max. speed	250 KIAS
<i>ATC</i>	<i>AS REQUIRED</i>
Passenger Signs	OFF
Above 10000' speed	310 KIAS

Only for simulation



Normal procedures for PFI flight



Cruise Checklist (above FL 180)

At Transition Altitude (FL180)	set Altimeter to 29,92" (1013mb)
Accelerate to cruise speed	FL180 0.66M 320KIAS 408TAS
	FL240 0.74M 320KIAS 446TAS
	FL280 0.77M 308KIAS 457TAS
	FL330 0.78M 280KIAS 455TAS
	... 0.76M 248KIAS 440TAS
Service Ceiling	FL410 0.74M 218KIAS 428TAS
Engine+Instruments	CHECK
Fuel Quantity	CHECK
Radios	TUNED and SET
Autopilot	CHECK and SET
Lights	as required

Descent Checklist

Atis/Airport Information	CHECK
Altimeter	CHECK/SET
Radios	SET
Anti /De Ice	AS REQUIRED
Descent Speed	to FL240 0.74 mach
	to FL180 0.65 mach
At Transition Altitude (FL180)	reset Altimeter to local
	to FL120 280 KIAS
	below 10'000ft 250 KIAS
Flaps / Landing Gear	CHECK UP
Spoilers	CHECK RETRACTED
Fuel Quantity & Balance	CHECK
Check Weather	(ATIS, Flight Services)

Approach Checklist

Localizer Level Flight :

Fasten Seat Belts	ON
No Smoking Sign	ON
Avionics + Radios	SET
Speed: Establish	190 KIAS
Landing Lights	ON
Auto Spoilers	ARM
Flaps	10 deg
Speed: Establish	145 KIAS
Flaps	20 deg
Speed: Establish	130 KIAS
Landing Gear	DOWN
Turning toward runway: set flaps	FULL DOWN

Final Glideslope Descent :

Speed: Establish	120 KIAS
Elevator Trim	AS DESIRED
Parking Brake	VERIFY OFF
Anti-/De-Ice	AS REQUIRED
Yaw Damper	OFF

Landing Checklist

Landing Gear	CHECK DOWN, 3 GREEN
Autopilot / Autothrottle	OFF
Landing Speed	115 KIAS
Touchdown	MAIN WHEELS FIRST
Landing Roll	LOWER NOSE WHEEL
Spoilers	VERIFY EXTENDED
Brakes	AS REQUIRED
After touchdown	Apply Reverse Thrust, at 60 kts: Cancel Reverse Thrust

Taxi To Ramp

Strobe / Recognition Light	OFF
Landing Lights	OFF
Flaps	UP
Spoilers	RETRACT
Anti-/De-Ice	OFF
Heaters	OFF
Pitot Heat	OFF
Transponder	1200 / STANDBY
Speed	Max. 20 knots
Elevator Trim	TAKEOFF SETTING
Avionics/Radios	AS REQUIRED

Shutdown Checklist

Parking Brake	SET
Throttle	IDLE
Passenger Signs	OFF
F/D	OFF
Aircondition	OFF
Galley Power	OFF
Radios / Avionics	OFF
Nav Lights	OFF
Fuel Flow	CUTOFF
Generators	OFF
Beacon	OFF
Panel / Instrument Lights	OFF
Battery Switch	OFF

Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF