

HP: Handling Pilot

NHP: Non Handling Pilot

CMD: Commander

OFP: Operational Flight Plan

These are translated from the original Air France Manuals.

Phase	Commander CMD	First Officer F/O	Flight Engineer F/E
BEFORE START	Checks Performance calculations. Orders NAV frequencies to be set. Orders the „Before Take off Checklist“ Orders engine start	Performance calculations and cross checks with F/E. Sets frequencies for departure Requests clearance	Performance calculations and cross checks with F/O. Reads aloud the checklist „Before Start“. Communicates with ground crew. Starts the engines on order of CMD after checking all doors are closed. Follows ATC and sets NAV frequencies on CMD order.
Taxi	Orders Checklist Orders frequencies to be set. Orders assistance he may need during take off (ailerons in wind, ignition, anti-ice) and confirms take off procedure. HP: Announces take off data before line-up	Monitors and participates in checklist reading Responsible for radio communication. Notes taxi clearances and assists commander. Notes departure clearance on Flight Plan and repeats essential items to CMD. Sets Frequencies on CMD order.	Reads aloud checklist
Take-off	Orders take off checklist HP: Sets take off power HP: Commences take off by starting chrono and releasing brakes. HP: Keeps hand on throttles until V1 and allows F/E to adjust thrust. Checks accelerations time	Monitors & participates in checklist reading Assists CMD if required (ailerons in wind) Checks acceleration time. NHP: calls out airspeed at calculated time. NHP: Announces V1 NHP: Checks speed, altimeter,	Reads aloud checklist Sets Anti-Ice or Ignition on CMD order. When T/O power set announces nozzle flaps closure and engine parameters. Checks circuits. Adjusts engines if required. Must not reduce power without notifying the HP. At night and low vis also checks the flight instruments for any flags.

	HP: Orders gear and flaps	heading NHP: Announces passing of safety height and flaps retraction height.	On command of HP retracts gear and flaps.
Climb	Checks flight path and weather and WX radar.	NHP: ATC communications and notes all clearances on OFP. Assists CMD and checks clouds and WX radar. Determines cruise parameters and cross checks with F/E	Sets climb power on command of HP. Fine adjusts engine parameters during all flight phases. Checks systems Sets cabin pressure controller Checks fuel flow and time for climb and exterior temperature and checks performance. Determines cruise parameters and cross checks with F/O
CRUISE	Is at all times responsible for navigation and follows ETA and checkpoints and fuel consumption. Requests weather reports Calculates fuel reserves for alternate airports, checks limitations and holding parameters. Calculates QFE and shows his results to F/E and F/O Advises cabin and passengers of any diversion. Calculates landing performance and cross checks with other crew members.	Checks Autopilot Checks his navigation with CMD Adjusts NAV radios on CMD. Notes on OFP times and frequencies, Follows weather reports and developments. On order of CMD informs passengers of flight progress and delegates to cabin crew As soon as possible informs arrival station of: -callsign -origin -estimated landing time -technical status of aircraft -specials Calculates landing performance and cross checks with other crew members.	Checks systems Sets cruise power once airspeed is reached. Checks fuel consumption and fuel on board. Follows navigation. On order of CMD gets weather reports of destination and alternate airports. Assists in assessing technical status of aircraft. Calculates landing performance and cross checks with other crew members.
Descent	Informs crew of time of descend.	NHP: On order of HP requests descent clearance and notes on OFP.	Sets pressurization Sets cabin temperature handles anti-ice system on order of CMD.

	<p>Orders descent checklist</p> <p>Inform passengers of use of speed brakes.</p>	<p>Monitors and participates in checklist reading.</p> <p>Assist HP with clearances, navigation and altitudes. Assists CMD with WX and NOTAMS of arrival airport.</p>	<p>Reads aloud checklist</p> <p>At transition level checks altimeters and settings.</p>
Approach	<p>Order approach checklist Informs crew of type of approach.</p> <p>HP: Orders and checks radio navigation settings.</p> <p>Compares his pre-calculated QFE with that from tower.</p> <p>HP: Sets QNH after transition level and QFE upon receiving approach clearance. Checks correct altimeter setting. HP: Announces desired power settings and systems. Major power changes are done by himself. On short final keeps hand of throttles.</p> <p>HP: After crosschecking altimeters asks NHP to call out Minimum + 100ft Minimum</p>	<p>Monitors and participates in checklist reading.</p> <p>NHP: Sets nav radios. NHP: Informs HP of passing waypoints and respective altitudes.</p> <p>Compares his pre-calculated QFE with that from tower.</p> <p>NHP: Sets QNH after transition level and QFE at 1000ft radio altitude.</p> <p>NHP: Checks power settings ordered by HP and set by F/E. NHP: Checks variometer NHP: Checks altitudes and radio altimeter. NHP: Calls out airspeeds according configuration. NHP: On request of HP reads his altimeter set to QFE and announces Minimum + 100ft Minimum</p> <p>NHP: Announces visual ground contact NHP: On ILS approach announces approaching localizer and glideslope. NHP: Announces any deviations on final and at night and low visibility below 300ft until touchdown. NHP: In case of go around</p>	<p>Reads aloud checklist</p> <p>Sets power on demand of NHP. Extends flaps and gear and calls out.</p> <p>Checks systems.</p> <p>Calls out radio altimeter from 500 to 100 every 100 ft and announces passing 50ft.</p> <p>Follows approach procedure and checks CMD and F/O flight instruments. Checks hydraulic systems and pressure. Calls out brake pressure applied.</p> <p>Retracts gear and flaps on HP command. Fine adjusts power setting Checks systems</p>

	<p>HP: In case of go around calls for gear and flaps retraction. Major power changes are done by himself.</p> <p>If landing is performed from right seat aircraft control remains with HP until taxi speed. Speed brakes and brake chute are extended by the pilot in the left seat.</p>	<p>checks speed, altitude, heading, climb rate and calls out safety height and flaps retraction height.</p> <p>If landing is performed from right seat aircraft control remains with HP until taxi speed. Speed brakes and brake chute are extended by the pilot in the left seat.</p>	
Taxi	Orders taxi checklist	Monitors and participates in checklist reading. Assists CMD during taxi	Reads aloud checklist
Parking	Orders parking checklist Fills out the required papers. Reports any incidents	Monitors and participates in checklist reading. Checks and completes flight folder and papers.	Reads aloud checklist Reports any incidents