
WARNING!

This checklist is aimed to those who have used the complete "ULTIMATE CHECKLIST for Concorde-X" a number of times, know the procedures by heart and want a simpler, cleaner and quicker checklist without the extra details, tips and explanations, but still benefit from the colour codes and tables not present in the real checklist.

This checklist is **based exclusively** on the one included in **British Airways Flying Manual Volume II part B, pages 07-15-03 to 07-15-11 revision 01 Nov 02**

This checklist is not, however, a "copy and paste". It has been adapted to suit the flights with Concorde-X by Flightsim Labs. The differences between the real checklist and this version are:

- It **includes the cockpit preparation steps** for Captain, Flight Officer and Flight Engineer.
- It **includes some charts, graphics and a number of custom steps** I find most useful for every flight.
- The **order** (position) of some items has been **changed to avoid repetitive panel "jumps"** within Concorde-X. These changes, however, have been kept to a minimum.
- The **procedures for uncommon flights**, such as 100% subsonic or short supersonic where Mach 2.0 is not reached or only for a very short period of time, **are left in full** as it is easy to forget their details and I find it convenient to have them in this list instead of having to open the ULTIMATE CHECKLIST and search for these particular procedures in a second document.
- The items only applicable to **G-BOAG** have been **omitted**.
- The checklist items are coded in **four different colours** as follows:

1. The items in black are **MANDATORY for each and every flight, either with the Virtual Flight Engineer (VFE) enabled or disabled.**

2. All the items taken care of by the Virtual Flight Engineer (VFE) that require action/intervention in every flight are marked in this purple colour. YOU CAN SAFELY SKIP THE ITEMS IN THIS COLOUR *AS LONG AS* YOU KEEP THE VFE ENABLED, which it is by default. With the VFE disabled, on the other hand, the items in this colour are mandatory.

3. This blue colour is used for steps that are not included in the real checklists, but that either are included in the normal procedures section or that make sense for me and I like to follow.

4. This grey colour is used for all the items in the checklist that do not require any action or intervention by the Captain/Flight Office (that's is... you) or the Flight Engineer (should you disable the Virtual Flight Engineer) because they are never used or changed in a normal flight or, in my experience (thousands of hours logged in Concorde-X) never change or fail. Other items such as light bulbs tests, are unnecessary in Concorde-X, as blown bulbs are not included in the list of systems with possibility of failure in the simulation by FSLabs.

Unless you are looking for maximum realism, skipping the items in this grey colour can help you speed up the checklist and/or focus on the most important items and, according to my experience, should be safe and trouble-free 99,99% of the times.

PANEL STATE LOADED FSLabs Menu

COCKPIT SAFETY CHECK

BOARDING, RACKING AREA AND ROOF LIGHTS ON Aft Overhead (SHIFT+3)
AUTO IGNITION switches OFF
ADS/ENGINE PROBE HEATERS OFF
WING & INTAKE ANTI-ICING TEST OFF
FUEL FWD TRANS switch GUARDED
TRANSPONDER STBY Lower Pedestal (SHIFT+7)
EMERGENCY NOSE/VISOR UNLOCK RELEASE. DOWN/PIN ENGAGED . Upper Pedestal (SHIFT+6)
NOSE & VISOR STBY CONTROL OFF/GUARDED
LANDING GEAR NORMAL LEVER DOWN Main
LANDING GEAR O/RIDE GUARDED
VISOR/NOSE lever AS CONFIGURATION
TRIM TRANS AUTO MASTER set OFF/GUARDED Lower Fuel (CTRL+SHIFT+5)
TANK 11 INLET VALVES sels AUTO/OFF
STANDBY INLET VALVES switches (x9) SHUT ... Upper Fuel (CTRL+SHIFT+6)
TRIM PIPE DRAIN switch SHUT
JETTISON PANEL COVER CLOSED
RAM AIR TURBINE SELS GUARDED FWD Leg (CTRL+SHIFT+1)

COCKPIT PRELIMINARY PREPARATION

AIRCRAFT FUEL AND AIRCRAFT LOAD CHECKED FS Labs Menu
GROUND POWER REQUEST GROUND POWER Ground Services Menu
..... ON (Ground power switch to close) ... AC Electrics (CTRL+SHIFT+7)
(VFE) EQUIPMENT BAY COOLING PANEL CHECK/SET ... Upper Fuel (CTRL+SHIFT+6)
AIR CONDITIONING REQUEST GROUND AIR Ground Services Menu
AIR CONDITIONING SET Air Bleed (CTRL+SHIFT+3)
INS 1, 2&3 MSU ALIGN, TEST, PRESENT POSITION. ... FWD Leg (CTRL+SHIFT+1)
AIR DATA COMPUTERS ON Lower Pedestal (SHIFT+7)
DRAIN MAST HEATER CHECK/SET Aft Overhead (SHIFT+3)

FLIGHT ENGINEER'S COCKPIT PREPARATION

FLIGHT DECK DOOR	OPEN (UNLK)	Aft Overhead (SHIFT+3)
GRND CALL push button light	OFF	
I/PHONE sw	NORMAL	
STEWARD CALL light	OFF	
CABIN SIGNS FASTEN BELT/ NO SMOKING	ON	
EMERGENCY/EVACUATION WARNING	ARM	
LIGHTING (left side)	AS REQUIRED	
ANTI-COLLISION LIGHTS	OFF	
NAV LIGHTS	AS REQUIRED	
ENGINE FLIGHT RATING	CLIMB	
DRAIN MAST HEATERS	AS REQUIRED	
THROTTLE MASTERS	MAIN or ALTERN	
AUTO-IGNITION	OFF	
AUTOTHROTTLE SWITCHES	ON	
ENGINE RATING MODE	TAKE-OFF	
HP VALVES	SHUT	
PRESSURISATION STATIC HEATERS	OFF	
ADS/ENGINE PROBE HEATERS	CHECK	
LIGHTING (right side)	AS REQUIRED	
ENGINE ANTI-ICING	OFF	
WING & INTAKE ANTI-ICING	OFF	
RELAY JACK PANEL	CHECK/TEST	
FUEL FWD TRANS sw	GUARDED	
ENGINE SHUT-DOWN/FIRE CONTROLS	CHECK ..	Forward Overhead (SHIFT+4)
ENGINE STARTING PANEL	SET	FWD Leg (CTRL+SHIFT+1)
FIRE SENSORS/FLAME SENSORS	BOTH	
AIR COND TEST	OFF	
RAT SWITCHES (Ram Air Turbine)	CHECK/TEST	
DOOR WARNING LIGHTS	CHECK	
ENGINE OVERHEAT TEST rty sel.	OFF	Aft Leg Panel
FIRE EXT. PRESSURE CARTRIDGE	CHECK	
SMOKE DETECTION	CHECK	

GROUND HYD. CHECK OUT.	YELLOW, YELLOW / OFF	Brake Controls
CLOCK	SET	
FWD LIGHTS	TEST	
BRAKES ACCUMULATOR	AS REQUIRED	Brake Controls
BRAKES OVERLOAD	CHECK	
BRAKES FANS	AS REQUIRED	
BRAKES TEMPERATURE	TEST	
INTAKE PRESSURE RATIO ERROR	CHECK	
INTAKE PANEL	CHECK	Intake (CTRL+SHIFT+4)
CABIN PRESSURE CONTROL	CHECK/TEST	Cabin Pressure Control
ENGINE WARNING LIGHTS	TEST ..	Engine Controls (CTRL+SHIFT+2)
FUEL HEATERS	AUTO. ..	Engine Controls (CTRL+SHIFT+2)
ENGINE RECIRCULATION VALVES	SHUT	
T/O CG switch	NORM ..	Engine Controls (CTRL+SHIFT+2)
ENG 4 T/O N1 limiter switch	NORM	
GRD IDLE switches	AS REQUIRED	
ENGINE CONTROL SCHEDULE	SET	
SECONDARY AIR DOORS	AUTO	
SECONDARY NOZZLE	CHECK	
FLIGHT REV ARM	OFF	
NOZZLE ANGLE SCHEDULING UNIT TEST SELECTOR ..	NORMAL	
FLIGHT INSTRUMENTS	CHECK	Main
ENGINE INSTRUMENTS	CHECK ..	Secondary Engine Instruments (CONTROL+SHIFT+9)
ENGINE INSTRUMENTS WARNING TEST	CHECK	
GREEN GO LIGHTS	CHECK	Main
FUEL MANAGEMENT	CHECK/SET	Fuel Panels (CTRL+SHIFT+5/6)
TEMPERATURE CONTROL PANEL	CHECK/SET.	Temperature Control Panel
HYDRAULIC MANAGEMENT PANEL	CHECK/SET.	Hydraulic management
AC ELECTRICS PANEL	CHECK/SET.	AC Electrics (CTRL+SHIFT+7)
DC ELECTRICS PANEL	CHECK/SET	AC Electrics (CTRL+SHIFT+8)
FUEL MANAGEMENT (REFUELLING COMPLETED) .	CHECK/SET ..	Fuel Panels (CTRL+SHIFT+5/6)

CAPTAIN'S COCKPIT PREPARATION

STEERING LIGHT	ON	Main
AUTOLAND light	OFF	
RAD/INS switch	RAD/AS REQUIRED	
VHF/NAV controller	CHECK/SET	
AFCS panel	CHECK	
AUTOTHROTTLE	CHECK	
PULL UP (TERRAIN light), M/CG and TYRE lights.	OFF	
WARNING AND LANDING DISPLAY	TEST	
R NAV	OFF	
INSTRUMENT TRANSFER SWITCHES	SET	
INSTRUMENTS AND INDICATORS	CHECK/SET	
MARKERS	TEST	
RADIO ALTIMETER	CHECK/SET	
FD1/FD2 switch	FD1	
ALTIMETER	CHECK/SET	
INS MONITOR LIGHTS	CHECK	
CLOCK	SET	
CABIN ALTIMETER	CHECK	Cabin Pressure Panel
AUTOPILOT TURN CONTROL	CHECK	Upper Pedestal Panel (SHIFT+6)
TRIM WHEELS	SET	
AUDIO SELECTOR PANELS	CHECKED	
VHF COM	AS REQUIRED	Lower Pedestal Pane (SHIFT+7)
TRANSPONDER/TCAS.	CHECK/STBY.	
ADF	SET/TEST.	
AIR DATA COMPUTERS	CHECK/NORMAL	

FIRST OFFICER'S COCKPIT PREPARATION

STAB, FEEL AND TRIM PANEL	CHECKED	Fwd overhead panel (SHIFT+4)
FLIGHT CONTROL INVERTERS.....	ON	
FLIGHT CONTROL SELECTION.....	GREEN	
ANTI-STALL	ON	
LANDING LIGHTS	RETRACT/OFF	
WINDSHIELD / VISOR DE-ICE / DV DEMIST.....	OFF	
TAXI LIGHTS	RETRACT/OFF	
MASTER WARNING LIGHTS	TEST	Fwd Overhead VC
WHEEL O/HEAT LIGHT	CHECKED.....	Main
FLIGHT CONTROL INDICATORS	CHECKED	
NOSEWHEEL LIGHT	ON	
ANTI-SKID	CHECKED	
TAKE-OFF MONITOR.....	DISARM	
AFCS LIGHTS	AS REQUIRED	
TOTAL FUEL CONTENTS INDICATOR	CHECK	
PRIMARY ENGINE INDICATION	CHECKED	
Temperature Indicator	CHECK	
AUDIO SELECTOR PANEL	SET	Upper Pedestal Panel (SHIFT+6)
THROTTLES	CHECK	
WINDSHIELD WIPERS	CHECK	
NOSE AND VISOR STBY control	OFF/GUARDED.....	
REHEAT	OFF	
THROTTLE LIGHTS	TEST	
SELCAL	TEST	
HF	AS REQUIRED	
LANDING GEAR HORN	TEST.....	
LIGHTS PANEL	TEST.....	

BEFORE START CHECKLIST

COCKPIT INSPECTION SECURITY COMPLETE
 DV WINDOWS CLOSED Virtual Cockpit only
 FLIGHT CONTROL INVERTERS ON .. Forward Overhead (SHIFT+4)
 ANTI-STALL SYSTEMS ON
 RAD / INS switches SET Glareshield
 NAV RADIOS SET
 INSTRUMENT TRANSFER switches SET Main
 QNH / AA / ALTIMETERS SET/CROSS CHECKED
 TRANSPONDER XPDR Lower Pedestal (SHIFT+7)
 BRAKESPARK CHECKED Main&Upper Pedestal (SHIFT+6)
 THROTTLES IDLE ...
 NAV LIGHTS AS REQUIREDAft Overhead (SHIFT+3)
 THROTTLE MASTER MAIN/ALT.....
 GROUND HYD. CHECK OUT YELLOW, YELLOW / OFF Brake Controls
 FUEL HEATERS AUTO. ... Engine Controls (CTRL+SHIFT+2)
 ENGINE RECIRC VALVES SHUT
 SECONDARY AIR DOORS AUTO
 BATTERIESON / Normal . .DC Electrics (CTRL+SHIFT+8)
 ASI BUGS SET Main
 PITCH INDEX SET
 3/4 REHEAT PLACARD SET
 FUEL FLOW SET
 CLOCK SET
 ENGINE (P7) SET Secondary Engine Panel
 TLA BUGS SET Throttle Pedestal (SHIFT+6)
 SEAT BELT SIGN ON
 INS 1, 2, and 3 ALIGNMENT CHECKEDFwd leg panel (CTRL+SHIFT+1)
 INS 1, 2 and 3 PRESENT POSITION CHECK.CDU1, 2 and 3 (SHIFT+7/8/9)
 INS 1, 2 and 3 FLIGHT PLAN LOAD/CHECK
 INS 1, 2 & 3LOADING CHECKED NAV MODE / MIX FWD Leg (CTRL+SHIFT+1)

BRIEFING **STATED/REVIEW**.....

- *Aide-Memoir: ADD's / MEL / A.P. Status, AIS / ATIS, Sig. Wx. / Anti-icing, Performance / Reheats / Rolling T/O, R/W / Surface conditions / Length, Terrain / SSA / MSA, Transition Altitude, SID / Noise Abatement, AFCS / Radio Aids, Emergencies, Take-off Alternate*

LOADSHEET **CHECKED**

ZFW and ZFCG **SET/CHECKED** ... Lower Fuel (CTRL+SHIFT+5)

FUEL REM. & A/C WEIGHT **SET/CHECKED**

LOAD LIMITS **SET**

START CLEARANCE FROM ATC **OBTAIN**

DOOR LIGHTS **CHECKED/OFF** .. FWD Leg (CTRL+SHIFT+1)

MASTER WARNING **RECALL/CANCEL** MWS Panel

ANTI-COLLISION LIGHTS **ON** Aft Overhead (SHIFT+3)

FLIGHT DECK DOOR **LOCKED**

THROTTLES **IDLE** Throttle Pedestal (SHIFT+6)

ENGINE FEED PUMPS **ON** Fuel Lower (CTRL+SHIFT+5)

CLEARANCE TO START FROM GROUND **OBTAIN**

START ENGINES **AS REQUIRED**

PUSHBACK CHECKLIST

NO. 3 AND 2 ENGINES **STARTED**

HYDRAULICS **CHECKED** Hydraulics

DISCONNECT GROUND EQUIPMENT **GRND CALL** Aft Overhead (SHIFT+3)

----- **PUSHBACK** -----

NO. 4 AND 1 ENGINES **STARTED**

AFTER START CHECKLIST

NOSEWHEEL STEERING **CHECKED** Main

FLIGHT CONTROLS, AFCS AND TRIMS **CHECKED** ... Forward Overhead (SHIFT+4)

STAB & FEEL **ENGAGED** .. Forward Overhead (SHIFT+4)

ENG ANTI-ICE / ENG SCHEDULE . **AS REQUIRED** . Aft OHD (SHIFT+3) / E. Panel (CTRL+SHIFT+2)

IDLE SWITCHES **LOW**

BRAKE FANS **ON** Brake Control

DOOR WARNINGS **TESTED / OFF** FWD Leg (CTRL+SHIFT+1)

ENGINE FEED PUMPS **ALL ON** Fuel Panels (CTRL+SHIFT+5)

HYDRAULICS CHECKED Hydraulics
 ELECTRICS CHECKED: GROUND BYPASS... DC Electrics (CTRL+SHIFT+8)
 GROUND EQUIPMENT CLEAR

TAXI CHECKLIST

LANDING/TAXI/TAXI TURN LIGHTS AS REQUIRED .. Forward Overhead (SHIFT+4)
 VISOR / NOSE DOWN / 5 DEG Main
 FLIGHT INSTRUMENTS..... CHKD / NO FLAGS
 FLIGHT CONTROLS / EFC..... CHECKED / LIGHT OFF
 C.G. MOVEMENT AS REQUIRED.. Fuel Panels (CTRL+SHIFT+5/6)
 ENGINE RATING MODE TAKE OFF.. Aft Overhead (SHIFT+3)
 AUTO IGNITION ON.....
 THROTTLE MASTER CHECKED.....
 DRAIN MAST HEATER ON
 ENGINE FLIGHT RATING CLIMB
 PRESS STATIC HEATERS ON.....
 ADS & STBY HEATERS TT INHIB / ON
 AIR INTAKES CHECKED / SET Intake Panel
 ENGINE CONTROL SCHEDULE CHECKED.. Engine Control (CTRL+SHIFT+2)
 ENG. 4 T/O N1 Limiter 88%
 AIR CONDITIONING CHECKED / SET Air Bleed (CTRL+SHIFT+3)
 FUEL LP PROTECTION sw ARMED Upper Fuel (CTRL+SHIFT+6)
 FUEL CONSUMED INDICATOR CHECKED
 ENGINE FEED PUMPS sws ALL ON (12)
 FUEL CROSSFEED VALVES SHUT
 REVERSE ASOV's CHECKED/18-24 DEG/NORM Aft Leg/Nozzle Override
 TRIM TANK CONTENTS CHECKED . Fuel Panels (CTRL+SHIFT+5/6)
 DE-AIR PUMPS ON
 C.G. POSITION CHECK.....
 MAIN TRANSFER PUMPS FOUR ON ^
 TAKE-OFF CG switch AS REQD ... Engine Ctrl (CTRL+SHIFT+2)
 TRIMS SET Upper Pedestal (SHIFT+6)
 PFDIS/Marilake Controller SET
 BRAKES NORM
 ANTI-SKID 'R' lights / TYRE lights OFF Main

BEFORE TAKE-OFF

BRIEFING/ TAKE-OFF DATA UPDATED
 CABIN CREW CALL 3 PRESSES Aft Overhead (SHIFT+3)
 LANDING LIGHTS AS REQUIRED Forward Overhead (SHIFT+4)
 TRANSPONDER SET Lower Pedestal (SHIFT+7)
 WHEEL O/HEAT LIGHTS OFF Main
 BRAKES OVERLOAD MI BLACK Brake Panel
 MASTER WARNING RECALL / INHIBIT MWS Panel
 T/O MONITOR ARMED Main
 REHEAT ON Upper Pedestal (SHIFT+6)
 NOZZLE OVERRIDE LIGHTS OFF Nozzle Override
 PITCH INDEX CHECKED Main

 BRAKE FANS OFF Brake Panel
 FLIGHT DIRECTORS CHECKED

AFTER TAKE-OFF CHECKLIST

LANDING GEAR UP, LIGHTS OFF, NEUTRAL Main (G)
 LANDING LIGHTS. OFF / RETRACT Fwd Overhead (SHIFT+4)
 MASTER WARNING RECALL MWS Panel
 ADS & STBY HEATERS ON Aft Overhead (SHIFT+3)
 ENG RATING MODE FLIGHT
 PRESSURIZATION CHECKED Main/Cabin Pres
 NOSE / VISOR UP / LOCKED Main
 SECONDARY AIR DOORS OPEN/LIGHTS OFF Engine Control (CTR+SHIFT+2)

Altitude	N2
3000	93%
4000	95%
5000	97%
6000	99%
7000	101%
8000	CLB PWR

At M 0.7 CLIMB CHECKLIST

ALTIMETERS SET ALL Main
FUEL TRANSFER AFT. Lower Fuel Panel (CTRL+SHIFT+5)
TAKE-OFF CG switch NORMAL ... Engine Ctrl (CTRL+SHIFT+2)
ENGINE CONTROL SCHEDULE AS REQUIRED
SECONDARY AIR DOORS sws. OPEN
SECONDARY NOZZLES MODULATING
BRAKE FANS OFF Brake Control
SEAT BELT SIGNS AS REQUIRED Aft Overhead (SHIFT+3)
TAXI TURN LTS OFF .. Forward Overhead (SHIFT+4)
NOZZLE OVERRIDE LIGHTS OFF. Nozzle Override
FUEL & CG MANAGEMENT FOR SHORT SUPERSONIC FLIGHTS. . Fuel Panels (CTRL+SHIFT+5/6)

NOTE: Normal procedures and limitations apply throughout with the following additional guidelines:

- *When 55% CG obtained on the CLIMB CHECK transfer fuel from TRIM TANKS 9,10, and 11 into TANKS 5 and 7*
- *Maintain 55% CG and lateral trim.*
- *Stop transfer when the addition of contents of TRIM TANKS 9, 10, 11 equal the previously extracted TANK 11 contents for Supersonic Cruise from the CCM. This achieves the highest possible fuel level in the COLLECTOR TANKS for reheat operation during the acceleration.*

SUBSONIC CRUISE

FULL 100% SUBSONIC FLIGHT ONLY

ENG FLIGHT RATING . CRUISE

Aft Overhead (SHIFT+3)

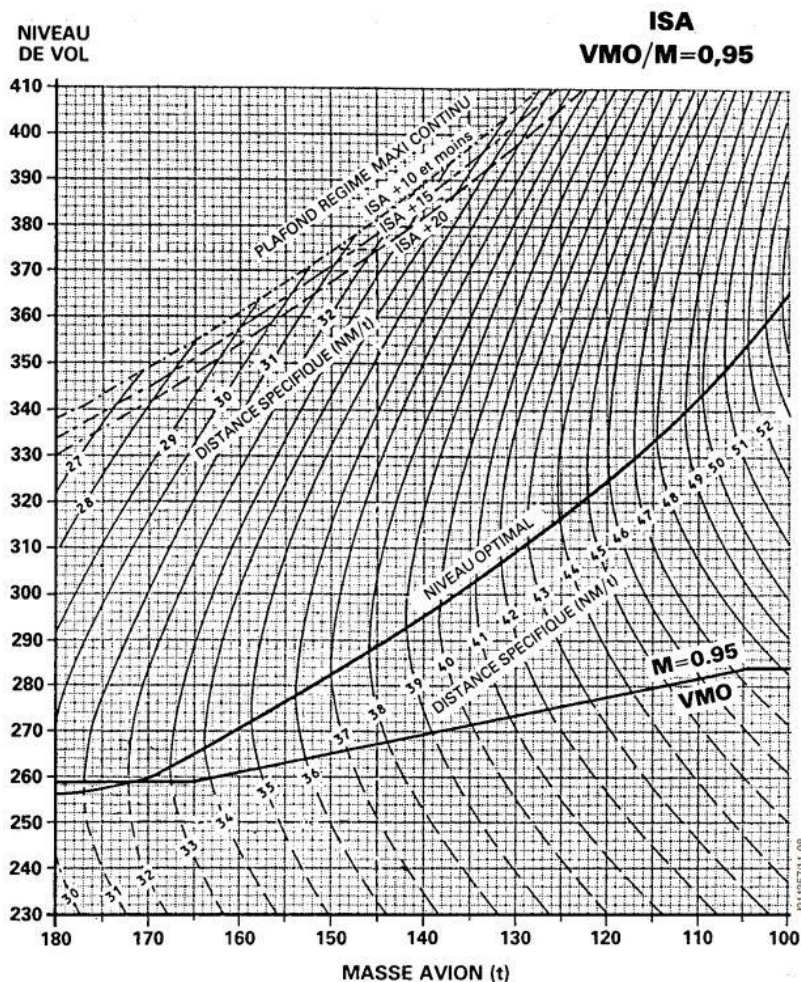
DE-AIR OFF

FUEL & CG MANAGEMENT SET

- Aircraft weight **LESS THAN 140.000kg**:
Transfer the fuel from TANKS 5A & 7A.
- Aircraft weight **GREATER THAN 140,000 kg**: Transfer fuel from TRIM TANKS 9, 10 and 11 into TANKS 5 and 7. When the aircraft weight has reduced to 140,000 Kg transfer TANKS 5A & 7A fuel as above.

Table used by Air France.
Shared by Pierre Chassang at [FSLabs' forum](#).

NIVEAU DE VOL OPTIMAL - DISTANCE SPECIFIQUE



TRANSONIC CHECKLIST

DE-AIR PUMPS AFTER A SUBSONIC LEG AS REQUIRED . . . Fuel Panels (CTRL+SHIFT+5/6)
 AUXILIARY INLET MIs SHUT . . . Air Intakes (CTRL+SHIFT+4)
 ENGINE CONTROL SCHEDULE NORM . . . Engine Control (CTRL+SHIFT+2)
 SECONDARY NOZZLES <15 DEG
 REHEAT ON Upper Pedestal (SHIFT+6)
 CHRONO START Main
 FUEL TRANSFER TRANSFERRING AFT . . . Fuel Panels (CTRL+SHIFT+5/6)
 PRESSURISATION CHECK/SET. Cabin Pressure
 FUEL & CG MANAGEMENT FOR SHORT SUPERSONIC FLIGHTS. . Fuel Panels (CTRL+SHIFT+5/6)

- During acceleration TANKS 9 and 10 contents are transferred into TANK 11 achieving a CG approaching 59%.
 - Transfer fuel from TANK 5A and Tank 7A.
 - When COLLECTOR TANK contents reduce to 2500 KG, transfer fuel from TANK 11 bringing the CG forward to 57.5% as per normal procedures.
- NOTE: If "A" TANKS are still transferring the drift forward of CG could go forward of 57.5% if TANK 11 transfer ceased at the forward CG limit of 57.5%.
- Continue with NORMAL PROCEDURES.
 - Note: If TANKS 5A and 7A are still transferring during the DECELERATION, the Pump Low Pressure lights will come on before the tanks are empty. This is due to the attitude of the aircraft. The remaining fuel can be transferred when subsonic.

At M 1.0

PRESS STATIC HEATERS OFFAft Overhead (SHIFT+3)
 ENGINE ANTI-ICE. OFF
 WING & INTAKE ANTI-ICING OFF
 TRANSPARENCY DE-ICE, DEMIST. OFF . . Forward Overhead (SHIFT+4)
 MAX CLIMB SET Glareshield

At M 1.1

SECONDARY NOZZLES 0-5 . . . Engine Ctrl (CTRL+SHIFT+2)
 NOZZLE OVERRRIDE LIGHTS OFF.

At M 1.3

INTAKES CHECKED . . . Air Intakes (CTRL+SHIFT+4)

At M 1.7 or 15 min since reheat

REHEAT OFF..... Upper Pedestal (SHIFT+6)

CHRONO STOP/RESET Main

AFCS. SET Glareshield

----- WHEN FUEL TRANSFER IS COMPLETE -----

FUEL TANK PRESSURE CHECKED.. Secondary Engine Instruments

DE-AIR PUMPS OFF.....

TANK 9 + 10 LOAD LIMIT CONTROL (LLC). SET 8000 KG

TANK 5A AND TANK 7A TRANSFER

TANK 1&4 sw AFT TRIM (AS REQ)

At FL500 / Mach 2.0

ENG FLIGHT RATING CRUISE Aft Overhead (SHIFT+3)

AT1 & MAX CLIMB/MAX CRUISE/MACH HOLD CHECKED Glareshield

TEMPERATURE REFERENCE TABLE

TEMPERATURE **Warmer** than ISA -10°C

FLIGHT LEVEL	FUEL (KG)	TIME (MIN)	DISTANCE COVERED NM		
			40 KT TAIL	ZERO WIND	40 KT HEAD
600	2.10	20.3	233	220	206
590	2.04	19.9	227	213	200
570	1.94	19.2	215	202	189
550	1.88	18.7	207	194	182
530	1.85	18.3	199	187	175
510	1.82	17.9	193	181	169
490	1.76	17.2	183	171	160
470	1.67	16.4	170	159	148
The highlighted area includes deceleration from cruise to 350 knots					
550	1.38	15.6	152	141	131
530	1.33	15.0	144	134	124
510	1.27	14.5	136	126	117
490	1.21	14.0	129	119	110
470	1.15	13.4	121	113	104
450	1.09	12.9	115	106	97
430	1.02	12.3	108	100	91
410	0.97	11.7	101	94	86
390	0.91	11.2	95	88	80
370	0.85	10.7	89	82	75
350	0.80	10.1	84	77	70
330	0.76	9.7	79	73	66
310	0.72	9.2	73	67	61
290	0.67	8.5	67	62	56
270	0.62	7.9	62	56	51
250	0.57	7.2	56	51	46
230	0.52	6.6	50	46	42
210	0.47	6.0	45	41	37
190	0.42	5.4	40	36	32
170	0.37	4.8	35	31	28
150	0.33	4.1	30	27	24
130	0.28	3.6	25	23	20
110	0.23	3.0	21	19	17
90	0.19	2.4	16	15	13
70	0.14	1.8	12	12	10
50	0.10	1.3	8	8	7
30	0.05	0.7	4	4	3

TEMPERATURE **Colder** than ISA -10°C

FLIGHT LEVEL	FUEL (KG)	TIME (MIN)	DISTANCE COVERED NM		
			40 KT TAIL	ZERO WIND	40 KT HEAD
600	1.99	20.0	216	203	189
590	1.97	19.9	214	200	187
570	1.97	19.6	210	197	183
550	1.97	19.3	205	192	179
530	1.98	19.0	200	188	175
510	1.99	18.7	196	183	171
490	2.02	18.3	190	178	165
470	2.00	17.7	180	169	157
The highlighted area includes deceleration from cruise to 350 knots					
550	1.41	15.8	147	137	126
530	1.35	15.2	139	129	119
510	1.28	14.6	131	121	111
490	1.22	14.0	123	114	104
470	1.15	13.4	116	107	98
450	1.09	12.8	109	101	92
430	1.03	12.2	103	94	86
410	0.97	11.7	96	88	81
390	0.90	11.1	90	82	75
370	0.84	10.5	84	77	70
350	0.79	10.0	79	72	65
330	0.75	9.5	74	68	62
310	0.70	8.9	69	63	57
290	0.66	8.3	63	58	52
270	0.61	7.7	58	53	48
250	0.56	7.1	53	48	43
230	0.51	6.5	47	43	39
210	0.46	5.9	42	38	34
190	0.41	5.3	37	34	30
170	0.37	4.7	32	29	26
150	0.32	4.1	28	25	22
130	0.27	3.5	23	21	19
110	0.23	2.9	19	17	15
90	0.18	2.3	15	14	12
70	0.14	1.8	12	10	9
50	0.10	1.2	8	7	6
30	0.05	0.7	4	4	3

DECELERATION & DESCENT CHECKLIST

LANDING WEIGHT (x1000 kg)	VREF Knots
96	150
98	152
100	154
102	155
104	157
106	158
108	160
110	161
111	162
115	165
120	168
125	172
130	175
135	179
140	182
145	185
150	188
155	191
160	194
165	197
170	201
175	204
180	207

- WARNING & LANDING DISPLAY** **CHECKED** **Main**
- BRIEFING** **STATED** **REVIEW**
- Aide Memoir: Decl. Point, ADD's/MEL, AIS/ATIS, Sig. Wx., Terrain/SSA/MSA, Transition Level, STAR, Approach/Go-around/Radio Aids, R/W State/Stopping/Airfield, Fuel Capability/Alternate, AWO*
- SAFETY ALTITUDE** **CHECKED**
- ASI BUGS** **SET** **Main**
- ALTIMETERS** **SET**
- RADIO ALTIMETERS** **DH SET**
- AT DECELERATION POINT -----
- ENGINE RECIRCULATION VALVES** sws. . . **OPEN** . **ENGINE CONTROL (CTRL+SHIFT+2)**
- THROTTLES (TLA)** **18°/24°** **Upper Pedestal (SHIFT+6)**
- TANKS 1&4** **NORM** **Fuel Panel (CTRL+SHIFT+5)**
- TANK 11 HYDRAULIC PUMPS** **OFF**
- FUEL TRANSFER** **TRANSFER FWD.** **Fuel Panels (CTRL+SHIFT+5/6)**
- ENG FLIGHT RATING** **CLIMB** **Aft Overhead (SHIFT+3)**

At M 1.5

- THROTTLES (TLA)** **CHECKED 32°** **Upper Pedestal (SHIFT+6)**
- FUEL TRANSFER** **CHECK.** **Fuel Panels (CTRL+SHIFT+5/6)**

At M 1.3

- INTAKES** **CHECKED** . . . **Air Intakes (CTRL+SHIFT+4)**

At M 1.0

- THROTTLES** **IDLE.** **Upper Pedestal (SHIFT+6)**
- PRESSURISATION** **SET.** **Cabin Pressure**
- PRESS STATIC HEATERS** **ON** **Aft Overhead (SHIFT+3)**
- THROTTLE MASTER switch** **OTHER SELECTION**
- TRANSPARENCY DE-ICE, DEMIST** **ON** . . **Forward Overhead (SHIFT+4)**

OPTIMAL SUBSONIC FLIGHT LEVEL TABLE

NIVEAU DE VOL OPTIMAL - DISTANCE SPECIFIQUE

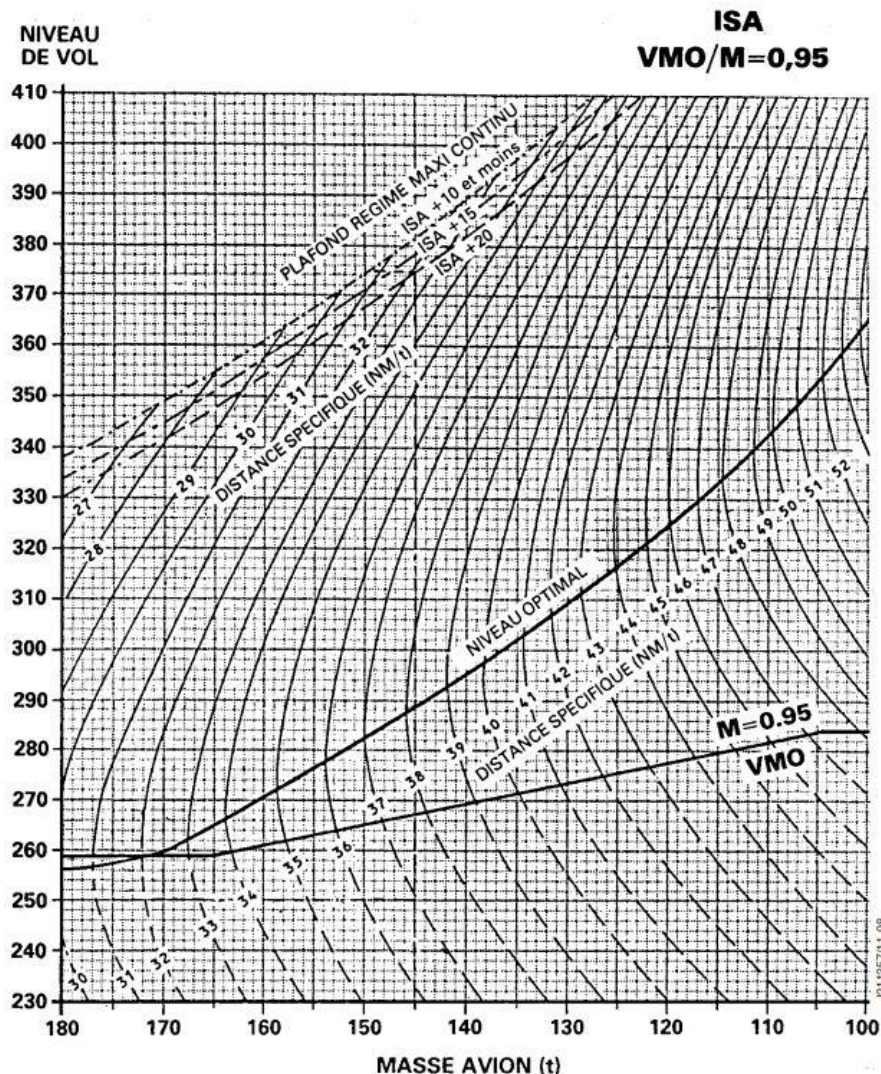


Table used by Air France. Shared by Pierre Chassang in [FSLabs' forum](#).

SUBSONIC LEG

- SUBSONIC LEG FLIGHT LEVEL CHECK/SET Glareshield
- SUBSONIC SPEED & CG SET.....
- ENGINE CONTROL SCHEDULE CHECK ... Engine Ctrl (CTRL+SHIFT+2)
- ENGINE RECIRCULATION VALVES sws. CHECK/SHUT . ENGINE CONTROL (CTRL+SHIFT+2)

SUBSONIC DESCENT

- PRESSURISATION SET..... Cabin Pressure
- FUEL TRANSFER..... TRANSFER FWD..... Fuel Panels (CTRL+SHIFT+5/6)
- ENGINE RECIRCULATION VALVES sws. ... CHECK/OPEN. ENGINE CONTROL (CTRL+SHIFT+2)

APPROACH CHECKLIST

LANDING BRIEFING UPDATED
 CABIN CREW (STEWARD) CALL "15 MINUTES" Aft Overhead (SHIFT+3)
 SEAT BELL SIGNS ON
 ENG RATING MODE TAKE OFF
 TAXI TURN LTS. ON .. Forward Overhead (SHIFT+4)
 RAD/INS SWS SET Glareshield
 BRAKE FANS OFF Brake Controls
 ENGINE CONTROL SCHEDULE APPROACH ... Engine Ctrl (CTRL+SHIFT+2)
 ENGINE RECIRCULATION VALVES SHUT
 SECONDARY AIR DOOR sws AUTO
 ENGINE FEED PUMPS ALL ON ... Fuel Panels (CTRL+SHIFT+5/6)
 FUEL CROSSFEED VALVES SHUT

LANDING WEIGHT (x1000 kg)	VREF Knots
96	150
98	152
100	154
102	155
104	157
106	158
108	160
110	161
111	162
115	165
120	168
125	172
130	175
135	179
140	182
145	185
150	188
155	191
160	194
165	197
170	201
175	204
180	207

SSB AS REQUIRED AC Electrics (SHIFT+7)
 BATTERIES / D.C. SPLIT switch. ... AS REQUIRED DC Electrics (SHIFT+8)
 FUEL / WEIGHT / CG CHECKED Main
 ASI BUGS UPDATE/SET
 VISOR/NOSE DOWN/5 DEG

 ALTIMETERS/RAD ALTS. QNH SET: UPDATE
 AUTOPILOT CHANGE OVER CHECKED
 RAD / INS switch. AS REQUIRED Glareshield

CONFIGURATION	ABNORMAL INCREMENT	VT MAX
3 ENGINE	5	10
2 ENGINE	7	17
NO AUTOTHROTTLE	7	17
TOTAL LOSS OF: <ul style="list-style-type: none"> • ELECTRIC TRIM OR • PITCH AUTOSTAB OR • ELECT. FLIGHT CONTROL 	10	10

LANDING CHECKLIST

LANDING GEARDOWN 4 GREENS Main
 NOSE DOWN & GREEN
 BRAKESCHECKED / NORMAL..... Upper Pedestal (SHIFT+6)
 ANTI-SKID..... CHECKED Main
 AUXILIARY INLET MIs OPEN or X-HATCH Air Intakes (CTRL+SHIFT+4)
 YELLOW SYSTEM CHECKED Hydraulic Panel
 CABIN CREW (STEWARD) CALL 3 PRESSESAft Overhead (SHIFT+3)
 LANDING/TAXI/TAXI TURN LTS..... AS REQUIRED.... Forward Overhead (SHIFT+4)
 SECONDARY AIR DOORS selsSHUT.. Engine Control (CTRL+SHIFT+2)
 FLIGHT DIRECTORS OFF

DISTANCE TO TOUCHDOWN	RECOMMENDED SPEED	MAXIMUM SPEED
15-20 miles	250 knots	300 knots
12-14 miles	210 knots	250 knots
8 - 11 miles	VREF + 30 knots (minimum 190 knots)	210 knots
5 - 7 miles	VREF + 15 knots	VREF + 30
0 - 4 miles	VREF For reduced noise and better handling it's recommended to use VREF+7	VREF MAX
Visual traffic pattern	VREF + 50	Speeds up to 250 knots may be used in a visual traffic pattern in order to reduce noise and fuel consumption.
ILS beam interception	VREF + 30 (minimum 190 knots)	

AUTOLAND MAX WINDS	
HEAD	25 knots
TAIL	10 knots
GROSS	15 knots

AFTER LANDING CHECKLIST

TYRE LIGHT OBSERVE Main
 BRAKE FANS AS REQUIRED Brake Controls
 MASTER WARNING INHIBIT MWS Panel
 NOSE 5 DEG
 FLIGHT CONTROL INVERTERS.....OFF INV .. Forward Overhead (SHIFT+4)
LANDING/TAXI/TAXI TURN LTS. AS REQUIRED.
 SSB CLOSED . . . AC Electrics (CTRL+SHIFT+7)
 RAMP SPILL MASTERS sws MAN Air Intakes
 REVERSE ASOVs CHKD/18°·24°/NORM Aft Leg/Nozzle Override
 INBOARD ENGINES. SHUT Aft Overhead (SHIFT+3)
 AUTO IGNITION OFF Aft Overhead (SHIFT+3)
 PRESS STATIC HEATERS OFF
 ADS AND STBY HEATERS. OFF
 DRAIN MAST HEATERS. AS REQUIRED
 WING & INTAKE ANTI-ICING OFF
 TRANSPONDER. XPDR Lower Pedestal (SHIFT+7)
 PRESSURIZATION CHECKED Cabin Pres
 SECONDARY AIR DOORS. AUTO, SHUT and LIGHTS OFF
 BATTERY / D.C. SPLIT switches ON / NORMAL DC Electrics (SHIFT+8)
 BRAKE TEMP lights. AS REQUIRED Brake Controls
 TANK 9 SHUT DOWN FUEL 4000 KG

PARKING CHECKLIST

BRAKES PARK Lower Pedestal (SHIFT+7)
 LIGHTS & TRANSPARENCIES OFF / RETRACT: OFF .. Forward Overhead (SHIFT+4)
 NOSE / VISOR AS REQUIRED Main
 EMERG GENERATOR selector AUTO . .DC Electrics (CTRL+SHIFT+8)
 HP VALVE ENGINE 1..... SHUTAft Overhead (SHIFT+3)
 GROUND POWER ONAC Electrics (CTRL+SHIFT+7)
 HP VALVE ENGINE 4..... SHUTAft Overhead (SHIFT+3)
 THROTTLE MASTERS OFF

ANTI-COLLISION lights	OFF
FASTEN SEAT BELTS	OFF
DRAIN MAST HEATER	CHECK/SET
ENGINE ANTI-ICING	OFF
IGNITION	OFF Fwd Leg (CTRL+SHIFT+1)
GROUND CONDITIONING	SHUT (GRND SUPPLY). Air Bleed (CTRL+SHIFT+3)
FUEL PANEL	GROUND STATE . Fuel Panels (CTRL+SHIFT+5/6)
BATTERIES	BATT OFF. . .DC Electrics (CTRL+SHIFT+8)
INS	POST FLT INFO CDU1 (SHIFT+8)
TRANSPONDER.	STANDBY. Lower Pedestal (SHIFT+7)
BRAKE FANS	AS REQUIRED Brake Control
INS	RELOAD (TRANSIT). Fwd leg (CTRL+SHIFT+1)
FLIGHT DECK DOOR	UNLK/OPEN Aft Overhead (SHIFT+3)
ELAPS CLOCK	STOP/RESET Main

STOPOVER CHECKLIST

This check must be performed whenever the planned turn round time is greater than 5 hours.

AIR DATA COMPUTERS.	OFF Lower Pedestal (SHIFT+7)
INS 1, 2 and 3.	OFF FWD Leg (CTRL+SHIFT+1)
FLIGHT CONTROL INVERTERS	PWR OFF. . Forward Overhead (SHIFT+4)
EMERGENCY LIGHTS	OFFAft Overhead (SHIFT+3)
ROOF AND PANEL LIGHTS	AS REQUIRED Aft Overhead (SHIFT+3)
NAV LIGHT	OFF
BRAKE FANS	AS REQUIRED Brake Control
GROUND POWER	TRIP AC Electrics (CTRL+SHIFT+7)
PANEL STATE	SAVED FSLabs Menu
DEFAULT FLIGHT	SAVED Scenario -> Save

VERSION HISTORY

v1.0.3 - 06/November/2020

- Added ENG FLIGHT RATING -> CRUISE check during 100% subsonic flights

v1.0.2 - 21/August/2020

- *Some typos fixed*

v1.0.1 - 11/August/2020

- *Added Engine Recirculation Valve checks for final subsonic legs*
- *TRIMS, PFDIS/Marilake Controller and BRAKES checks moved just before taxiing.*
- *Colour change in Air Conditioning check during taxi checklist*
- *ENGINE CONTROL SCHEDULE check repositioned in At M 0.7 CLIMB CHECKLIST to avoid a "panel jump"*

v1.0 - 30/Jul/2020

First version of the ULTIMATE SIMPLE CHECKLIST

As with every .0 version, it is very likely that this v1.0 checklist will contain some errors and/or typos that will need to be fixed during following revisions. Your feedback will be greatly appreciated. Thank you.

<http://simulaciondevuelo.com/concorde-x-checklists>