

 BAVirtual

# FLIGHT PLANNING AND APPROVED ROUTES

CONCORDE FLIGHT PLANNING

 Concorde

Revision 1 - Apr 24

**Pre-note**

1. The following pages list the airfields approved for use by Concorde, other than in an emergency, including standard routings per destination. The alternates tabulated against particular destinations and sectors should not be taken as limiting, since any listed airfield may be used as a destination or alternate, if operational circumstances demand.

This document replaces any previously published approved Concorde Routes as these have been approved for use by VATCAR, VATUK and VATUSA and others.

**Note:- This document includes only Mainline destinations.**

2. At the flight planning stage the choice of alternates to be quoted on the ATS and Operational Flight Plans will be influenced by the forecast landing conditions, the distance of the alternate from the destination, any pertinent legal or political factors and such other operational considerations as may apply including and not limited to ATC load.

**Key – Bold and Underlined Text**

Any destination underlined and in bold in the following list would normally be used as the terminal and fuel alternate unless the Captain decides otherwise.

In the event of a diversion not using the preferred terminal and fuel alternate, the preferred order of the quoted alternates on the left of the page should be considered (a combination of commercial and operational preferences).

Terminal alternates are listed in distance order from the destination, the nearest being quoted first. Against each alternate the distance in nautical miles by the route normally expected and the mean airways track in degrees true from the destination are given.

Against each terminal alternate is listed the total diversion fuel i.e. the diversion fuel plus the alternate reserve of 6500 kg. Also listed is the diversion flight time and not the diversion endurance, i.e. it does not include the 30 minutes for the alternate reserve. The figures are calculated using the 85% wind component and a diversion weight of 110,000 kg.

3. All the listed airfields are suitable for use by Concorde aircraft.

LHR - JFK

<u>Route No.</u>	<u>Details</u>	<u>Distance</u>
001	SUMMER TRACK SM VIA LINND	3142
002	STANDARD TRACK SM VIA MARCONI	3064
003	WINTER TRACK SM VIA KENDA	3155

Raw

- 001 CPT Q63 CONKO SL2 5124N00350W SL2 LESLU DCT 5040N01500W 5050N02000W 5030N03000W 4916N04000W 4703N05000W 4610N05300W 4414N06000W 4246N06500 W 4200N06700W SM2 LINND OWENZ DCT CAMRN
- 002 CPT Q63 CONKO SL2 5124N00350W SL2 LESLU DCT 5040N01500W 5050N02000W 5030N03000W 4916N04000W 4703N05000W 4610N05300W 4414N06000W 4246N06500W SM1 Lfv SM1 DCT SEY PARCH
- 003 CPT Q63 CONKO SL2 5124N00350W SL2 LESLU DCT 5040N01500W 5050N02000W 5030N03000W 4916N04000W 4703N05000W 4610N05300W 4414N06000W 4246N06500W 4200N06700W SM2A LINND/N0461F350 OWENZ DCT CAMRN

Alternates

Preferred Order	ICAO	Alternate	Div FL	TRK (T)	Awys Dist (nm)	Alt Flt time (hr:mm)	Divrn fuel (kg)
1	KEWR	Newark	40	280	82	0:20	12800
2	KIAD	Washington	160	235	255	0:39	16900
3	KPHL	Philadelphia	80	236	170	0:51	19400
4	KBWI	Baltimore	260	240	211	0:31	14600
<u>5</u>	<u>KBDL</u>	<u>Windsor Locks</u>	120	032	120	0:21	12800
Other Alternates							
		Montreal					
		Bangor					
		Boston					
		Atlantic City					

JFK-LHR

<u>Route No.</u>	<u>Details</u>	<u>Distance</u>
001	TRACK SN VIA LULOX	3149
002	TRACK SO VIA LULOX	3250
003	TRACK SO VIA TAKAS	3263

Raw and ATC Routing

001 JFK5 SHIPP LEOES DCT LINND DCT 3952N06815W 4025N06700W 4307N06000W 4554N05000W 4810N04000W 4926N03000W 4949N02000W 4941N01500W SL3 LULOX SL3 DCT TACQI BAPHU DCT OCTIZ DCT SIRIC

002 JFK5 SHIPP DCT LEOES DCT LINND DCT 3952N06815W 4000N06700W 4307N06000W 4410N05230W 4445N05000W 4704N04000W 4822N03000W 4848N02000W 4848N01500W LULOX SL3 DCT TACQI BAPHU DCT OCTIZ DCT SIRIC

003 JFK5 SHIPP DCT LEOES DCT LINND DCT 3952N06815W 4000N06700W 4307N06000W 4410N05230W 4445N05000W 4704N04000W 4822N03000W 4848N02000W 4848N01500W TAKAS DCT ORTAC DCT DOMUT DCT KATHY DCT HAZEL

Alternates

Preferred Order	ICAO	Alternate	Div FL	TRK (T)	Awys Dist (nm)	Alt Flt time (hr:mm)	Divrn fuel (kg)
1	<u>EGKK</u>	<u>London Gatwick</u>	50	046	68	0:14	9500
Other Alternates							
		London Stansted	50	046	68	0:14	10100
		Brize Norton	120	290	72	0:15	10800
		Birmingham	260	325	135	0:24	12000
		East Midlands	260	335	135	0:24	12000
		Manchester	350	330	154	0:25	12200
		Paris (CDG)	330	145	232	0:32	13300
		Amsterdam	330	075	237	0:33	13700
		Glasgow	350	330	326	0:47	15900
		Shannon	350	285	333	0:49	16200

LHR-BGI

<u>Route No.</u>	<u>Details</u>	<u>Distance</u>
001	TRACK SP	3682
002	TRACK SP WITH RECLEARANCE VIA ANU	3594
003	SUPERSONIC FLIGHT TO LIS	1162
004	SUPERSONIC FLIGHT - LIS-BGI	3134

Raw and ATC Routing

- 001 CPT Q63 CONKO SL2 C/5124N00350W/N0706F260F450 SL2 C/LESLU/M200F450F600 DCT 4849N01443W 4649N02000W 4500N02353W 4136N03000W 3422N04000W 2700N04748W 2438N05000W 1800N05539W/N0655F390 DCT BGI
- 002 CPT Q63 CONKO SL2 C/5124N00350W/N0706F260F450 SL2 C/LESLU/M200F450F600 DCT 4849N01443W 4649N02000W 4500N02353W 4136N03000W 3422N04000W 2730N05000W 2700N05038W 1800N06054W ANU
- 003 CPT Q63 CONKO SL2 C/5124N00350W/N0705F260F450 SL2 C/LESLU/M200F450F600 DCT 5000N01000W 4500N01000W 4200N01000W/N0581F390 DCT 3900N01000W
- 004 ESP/M200F430 DCT LUTAK DCT 3528N02000W 3135N03000W 2700N03907W 2630N04000W 2010N05000W 1800N05302W/N0657F390 DCT BGI

Alternates

Preferred Order	ICAO	Alternate	Div FL	TRK (T)	Awys Dist (nm)	Alt Flt time (hr:mm)	Divrn fuel (kg)
1	<u>TAPA</u>	<u>Antigua</u>	50	046	68	0:14	9500
Other Alternates							
		St. Lucia	50	046	68	0:14	10100
		La Paz	120	290	72	0:15	10800

BGI-LHR

<u>Route No.</u>	<u>Details</u>	<u>Distance</u>
001	TRACK SP	3745
002	TRACK SP WITH RECLEARANCE VIA SMA	2333
003	TRACK SP WITH RECLEARANCE VIA SNN	3411

Raw and ATC Routing

001	1800N05533W DCT 2423N05000W DCT 2700N04731W 3356N04000W 4100N03000W 4500N02218W 4600N02000W 4740N01500W TAKAS/N0497F370 DCT ORTAC DCT DOMUT DCT KATHY DCT HAZEL
002	1800N05533W 2112N05000W 2700N04207W 2824N04000W 3406N03000W GINSU VSM
003	1800N05533W/M200F430 DCT 2423N05000W DCT 2700N04731W 3356N04000W 4100N03000W 4500N02218W 4600N02000W 5100N01238W SHA

Alternates

Preferred Order	ICAO	Alternate	Div FL	TRK (T)	Awys Dist (nm)	Alt Flt time (hr:mm)	Divrn fuel (kg)
1	<u>EGKK</u>	<u>London Gatwick</u>	50	046	68	0:14	9500
Other Alternates							
		London Stansted	50	046	68	0:14	10100
		Brize Norton	120	290	72	0:15	10800
		Birmingham	260	325	135	0:24	12000
		East Midlands	260	335	135	0:24	12000
		Manchester	350	330	154	0:25	12200
		Paris (CDG)	330	145	232	0:32	13300
		Amsterdam	330	075	237	0:33	13700
		Glasgow	350	330	326	0:47	15900
		Shannon	350	285	333	0:49	16200

LHR – IAD

<u>Route No.</u>	<u>Details</u>	<u>Distance</u>
001	SUMMER TRACK SM VIA LINND	3296

Raw

001	CPT Q63 CONKO SL2 C/5124N00350W/N0718F260F450 SL2 C/LESLU/M200F450F600 DCT 5040N01500W 5050N02000W 5030N03000W 4916N04000W 4703N05000W 4610N05300W 4414N06000W 4246N06500W SM3 4044N06955W/N0450F380 CAMRN DCT RBV DCT LRP DELRO5
-----	---

Alternates

Preferred Order	ICAO	Alternate	Div FL	TRK (T)	Awys Dist (nm)	Alt Flt time (hr:mm)	Divrn fuel (kg)
1	KPHL	Philadelphia	330	055	170	0:21	11600
2	<b><u>KBWI</u></b>	<b><u>Baltimore</u></b>	50	080	41	0:11	9200
	KRIC	Richmond	250	175	120	0:20	11400
		Newport News	250	155	154	0:23	12000
		Pittsburgh	260	305	162	0:25	12400
		Newark	330	050	224	0:32	13500
		New York (JFK)	330	054	285	0:38	14600
		Boston	330	053	401	0:52	16900

**Note:- Flight Planning Purposes. If W105A is an active NOTAM – Please review ‘Off The Wall’ Procedure.**

IAD – LHR

<u>Route No.</u>	<u>Details</u>	<u>Distance</u>
001	TRACK SN VIA LULOX	3149
002	TRACK SO VIA LULOX	3250
003	TRACK SO VIA TAKAS	3263

Raw

001	CPTAL1 SWANN DCT ENO B24 C/SIE/N0814F270F450 B24 C/LYNUS/M200F450F600 2SN 4307N06000W DCT 4510N05230W 4554N05000W 4810N04000W 4926N03000W 4949N02000W 4941N01500W LULOX/N0580F350 DCT TACQI DCT BAPHU DCT OCTIZ DCT SIRIC
002	CPTAL1 SWANN DCT ENO B24 C/SIE/N0814F270F450 B24 C/LYNUS/M200F450F600 1SO 4200N06000W DCT 4410N05230W 4445N05000W 4704N04000W 4822N03000W 4848N02000W 4848N01500W LULOX/N0580F350 DCT TACQI DCT BAPHU DCT OCTIZ DCT SIRIC
003	CPTAL1 SWANN DCT ENO B24 C/SIE/N0813F270F450 B24 C/LYNUS/M200F450F600 1SO 4200N06000W DCT 4410N05230W 4445N05000W 4704N04000W 4822N03000W 4848N02000W 4848N01500W TAKAS/N0573F370 DCT ORTAC DCT DOMUT DCT KATHY DCT HAZEL

Alternates

Preferred Order	ICAO	Alternate	Div FL	TRK (T)	Awys Dist (nm)	Alt Flt time (hr:mm)	Divrn fuel (kg)
1	<u>EGKK</u>	<u>London Gatwick</u>	50	046	68	0:14	9500
Other Alternates							
		London Stansted	50	046	68	0:14	10100
		Brize Norton	120	290	72	0:15	10800
		Birmingham	260	325	135	0:24	12000
		East Midlands	260	335	135	0:24	12000
		Manchester	350	330	154	0:25	12200
		Paris (CDG)	330	145	232	0:32	13300
		Amsterdam	330	075	237	0:33	13700
		Glasgow	350	330	326	0:47	15900
		Shannon	350	285	333	0:49	16200

IAD - MIA

<u>Route No.</u>	<u>Details</u>	<u>Distance</u>
001	SUPERSONIC ROUTE	898

Raw

001 CPTAL1 DAILY COLIN HUBBS EDDYS J174 DIW SEELO AR19 JENKS Y291 HOAGG SNSBK ANNEY4

Alternates

Preferred Order	ICAO	Alternate	Div FL	TRK (T)	Awys Dist (nm)	Alt Flt time (hr:mm)	Divrn fuel (kg)
1	KFLL	Ft. Lauderdale	110	010	50	0:12	9600
2	<u>KMCO</u>	<u>Orlando</u>	350	340	192	0:28	12900
Other Alternates							
	KCHS	Charleston					
	KJAX	Jacksonville					

MIA – IAD

<u>Route No.</u>	<u>Details</u>	<u>Distance</u>
001	Supersonic Route	898

Raw

001 MIA8 FOLZZ PERMT AR16 SEELO ILM FAK NABBS COATT5

Alternates

Preferred Order	ICAO	Alternate	Div FL	TRK (T)	Awys Dist (nm)	Alt Flt time (hr:mm)	Divrn fuel (kg)
1	KPHL	Philadelphia	330	055	170	0:21	11600
2	<b><u>KBWI</u></b>	<b><u>Baltimore</u></b>	50	080	41	0:11	9200
	KRIC	Richmond	250	175	120	0:20	11400
		Newport News	250	155	154	0:23	12000
		Pittsburgh	260	305	162	0:25	12400
		Newark	330	050	224	0:32	13500
		New York (JFK)	330	054	285	0:38	14600
		Boston	330	053	401	0:52	16900

LHR - BAH

<u>Route No.</u>	<u>Details</u>	<u>Distance</u>
001	NORTH TRACK VIA TRIPOLI	3101
002	SOUTH TRACK VIA EGYPT	3144

Raw

001	MAXIT Y803 MID UL612 RESMI DCT PIBAT DCT PAS DCT AOSTA L615 SRN N503 CHI DCT 4442N01255E DCT 4330N01420E DCT 4206N01628E 4055N01840E 4006N01900E 3720N01947E 3425N02400E 3408N03230E 3443N03620E 3411N03718E 3206N03916E 3100N04000E 2925N04318E 2800N04600E DCT BAH
002	MAXIT Y803 MID UL612 RESMI DCT PIBAT DCT PAS DCT AOSTA L615 SRN N503 CHI DCT 4442N01255E DCT 4330N01420E DCT 4206N01628E 4055N01840E 4006N01900E 3720N01947E SALUN DCT 3100N2828E FYM DCT HGD DCT SILKA DCT 2621N03916E 2626N04346E DCT 2623N04712E BAH

Alternates

Preferred Order	ICAO	Alternate	Div FL	TRK (T)	Awys Dist (nm)	Alt Flt time (hr:mm)	Divrn fuel (kg)
1	<u>EGKK</u>	<u>London Gatwick</u>	50	046	68	0:14	9500
Other Alternates							
		London Stansted	50	046	68	0:14	10100
		Brize Norton	120	290	72	0:15	10800
		Charles De Gaulle	370	142	101	0:20	9900
		Birmingham	260	325	135	0:24	12000
		East Midlands	260	335	135	0:24	12000
		Paris (CDG)	330	145	232	0:32	13300
		Amsterdam	330	075	237	0:33	13700
Enroute Alternates							
		Rome Fiumicino	280				
		Aqaba	370				
		Riyadh	370				

BAH - SIN

<u>Route No.</u>	<u>Details</u>	<u>Distance</u>
001	SUPERSONIC TRACK	3690

Raw

001	2610N05047E 2537N05038E DCT 2400N05104E DCT 2252N05252E 2000N05800E 1414N06600E 0932N07200E 0530N08010E 0555N08800E 0605N09200E 0620N09500E 0600N09730E 0342N10000E DCT 0210N10136E 0132N10246E 0123N10303E SJ
-----	--

Alternates

Preferred Order	ICAO	Alternate	Div FL	TRK (T1)	Awys Dist (nm)	Alt Flt time (hr:mm)	Divrn fuel (kg)
1	<u>WIDD</u>	<u>Hang Nadim</u>	100	172	19	0:08	9500
Other Alternates							
		Muscat	260				
		Jinnah	260				
		Bombay	370				
		Chennai	370				
		Kuala Lumpur	370				

SIN - BAH

<u>Route No.</u>	<u>Details</u>	<u>Distance</u>
001	SUPERSONIC TRACK	3690

Raw

001	SJ 0123N10303E DCT 0132N10246E 0210N10136E 0342N10000E DCT 0600N09730E 0620N09500E 0605N09200E 0555N08800E 0530N08010E 0932N07200E 1414N06600E 2000N05800E 2252N05252E DCT 2400N05104E 2537N05038E 2610N05047E
-----	--

Alternates

Preferred Order	ICAO	Alternate	Div FL	TRK (T1)	Awys Dist (nm)	Alt Flt time (hr:mm)	Divrn fuel (kg)
1	<u>OEDF</u>	<u>King Falid</u>	100	289	46	0:10	11200
Other Alternates							
		Kuala Lumpur	260				
		Chennai	280				
		Bombay	370				
		Jinnah	370				
		Muscat	370				

BAH - LHR

<u>Route No.</u>	<u>Details</u>	<u>Distance</u>
001	NORTH TRACK VIA TRIPOLI	3073
002	SOUTH TRACK VIA EGYPT	3144

Raw

001	2800N04600E DCT 2925N04318E DCT 3100N04000E 3206N03916E 3407N03721E 3443N03620E 3408N03230E 3425N02400E 3720N01947E 4006N01900E 4055N01840E 4206N01628E 4330N01420E DCT 4442N01255E CHI N503 VIC L615 AOSTA DCT SPR DCT RLP UT10 ALESO
002	MAXIT Y803 MID UL612 RESMI DCT PIBAT DCT PAS DCT AOSTA L615 SRN N503 CHI DCT 4442N01255E DCT 4330N01420E DCT 4206N01628E 4055N01840E 4006N01900E 3720N01947E SALUN DCT 3100N2828E FYM DCT HGD DCT SILKA DCT 2621N03916E 2626N04346E DCT 2623N04712E BAH

Alternates

<u>Preferred Order</u>	<u>ICAO</u>	<u>Alternate</u>	<u>Div FL</u>	<u>TRK (T1)</u>	<u>Awys Dist (nm)</u>	<u>Alt Flt time (hr:mm)</u>	<u>Divrn fuel (kg)</u>
1	<u>OEDF</u>	<u>King Falid</u>	100	289	46	0:10	11200
Other Alternates							
		Charles De Gaulle	260				
		Rome Fiumicino	280				
		Aqaba	370				
		Riyadh	370				