

KYIV/Boryspil'
RNAV(GNSS, DME/DME) RWY 36L

BO 2S, GOTAP 1S, KR 1S, KUROK 2S, PI 1S, SLV 1S, SULUM 2S, TABAV 1S, TUVOG 1S, VESEL 2S

BB510	BB520	BB530	BBE04
50°29'42.0"N 030°53'31.0"E 1200 or above	50°32'33.0"N 030°58'26.0"E 1200 or above	50°28'16.0"N 031°02'24.0"E 1200 or above	50°31'53.0"N 031°18'28.0"E 1850 or above
BBS01	BBW01	BBW02	
49°54'43.0"N 030°58'34.0"E	50°24'17.0"N 030°17'18.0"E FL120 or above	50°31'58.0"N 030°39'46.0"E 1200 or above	

UK-T813-01
1500 SFC

UK-T500
FL155 SFC

KYIV/Anatoliy
Krabor
NDB 600.0
KR 1S
50°36'25"N
029°16'50"E
FL120 or above

UK-T823-01
1850 SFC

KYIV/Anatoliy
KR 1S
50°36'25"N
029°16'50"E
FL120 or above

UK-T824-01
2300 SFC

SLV 1S
50°36'25"N
029°16'50"E
FL120 or above

Soloviyka
VOR/DME 113.3/80X
SLV 1S
50°11'12.5"N
029°34'12.5"E
FL120 or above
205 m

UK-T705-01A
FL150 SFC

VASYL-KIV

UK-T705-01
1500 SFC

UK-T845-02
FL160 SFC

KYIV/Pivdennyi

UK-T845-01
1500 SFC

VESEL
49°39'00"N
029°41'43"E
3050 or above

UK-T705-02
FL250 SFC

UK-T705-04
FL250 2100

UK-T705-03
FL250 400

SULUM
49°33'28"N
030°41'33"E
3050 or above

UK-R451
1050 SFC

Bohdanivka
NDB 1290.0
BO 2S
50°37'43"N
030°53'32"E
1850 or above

UK-P6
1200 SFC

UK-R452
750 SFC

UK-P24
800 SFC

KYIV/Zhuliany
VOR/DME 115.9/106X
BRP 1S
50°17'08.5"N
030°54'03.5"E
2450 or above
129 m

UK-R453
400 SFC

UK-P25
700 SFC

UK-P34
1000 SFC

UK-T703-01
450 SFC

UK-T703-02
450 SFC

UK-R403
FL145 SFC

Pii
NDB 425.0
PI 1S
49°52'24"N
031°07'32"E
FL110 or above

TABAV
49°24'17"N
031°04'37"E
2750 or above

UK-T868-02
1500 SFC

UK-T868-01
1200 SFC

GOTAP
50°15'18"N
031°49'12"E
FL110 or above

UK-R451
1050 SFC

UK-T849
2150 SFC

TUVOG
50°56'47"N
030°58'40"E
FL130 or above

KUROK
50°44'54"N
031°47'48"E
FL170 or above

UK-T728-03
3050 1500

SCALE 1 : 750 000
Kilometres
Nautical miles

RNAV 1 (P-RNAV)
approval required
otherwise advise ATC

INITIAL CLIMB - CONVENTIONAL

BBW02
D26.2BRP
1200 or above

BB510
R031D23.3BRP
1200 or above

BB520
R003D29.0BRP
1200 or above

BB530
R019D22.9BRP
1200 or above

BRP
VOR/DME

1. Minimum climb gradient 7% up to 1200 m.
2. Execute first turn with MAX IAS 465 km/h (250 kt), bank angle 020° or rate of turn 3 deg/sec.
3. If unable to comply SID procedures advise ATC.
4. SID's BO 2S, GOTAP 1S, KUROS 2S, PI 1S, SULUM 2S, TABAV 1S, TUVOG 1S, VESEL 2S not authorized for simultaneous departures.
5. Passing 400 m - contact Kyiv Radar.
6. Monitor ATIS before request for ATC clearance.

CHANGE: NOTE 2.

RNAV DEPARTURE PROCEDURE

RNAV 1 (GNSS, DME/DME) RWY 36L

Designator	Initial climb description (conventional)						
BO 2S Bohdanivka TWO SIERRA	Route			Altitude	Remark		
	On track 356° to R351° D23,3 BRP VOR/DME, then at BB510 as described below			Cross R351° D23,3 BRP VOR/DME at 1200 or above	Minimum climb gradient 7% up to 1200 m. Not authorized for simultaneous departures.		
	Path description	Fix identifier (Waypoint name)	Flyover	Course °M (°T)	Turn direction	Altitude	Speed limit
	IF	BB510	Y	-	-	+1200	-
	TF	BO	N	353 (000,1)	-	+1850	-

Designator	Initial climb description (conventional)						
GOTAP 1S GOTAP ONE SIERRA	Route			Altitude	Remark		
	On track 356° to R351° D23,3 BRP VOR/DME, turn RIGHT to R003° D29,0 BRP VOR/DME, then at BB520 as described below			Cross R351° D23,3 BRP VOR/DME at 1200 or above, R003° D29,0 BRP VOR/DME at 1200 or above	Minimum climb gradient 7% up to 1200 m. Not authorized for simultaneous departures.		
	Path description	Fix identifier (Waypoint name)	Flyover	Course °M (°T)	Turn direction	Altitude	Speed limit
	IF	BB520	Y	-	-	+1200	-
	TF	BBE04	N	086 (092,9)	-	+1850	-
	TF	GOTAP	N	123 (130,0)	R	FL110	-

Designator	Initial climb description (conventional)						
KR 1S Krabor ONE SIERRA	Route			Altitude	Remark		
	On track 356° to D10,3 BRP DME, turn LEFT on track 314° to intercept R333° BRP VOR, on R333° BRP VOR to D26,2 BRP DME, turn LEFT to R321° D32,3 BRP VOR/DME, then at BBW02 as described below			Cross D10,3 BRP DME at 300 or above, D26,2 BRP DME at 1200 or above, R321° D32,3 BRP VOR/DME at 1200 or above	Minimum climb gradient 7% up to 1200 m		
	Path description	Fix identifier (Waypoint name)	Flyover	Course °M (°T)	Turn direction	Altitude	Speed limit
	IF	BBW02	Y	-	-	+1200	-
	TF	BBW01	N	235 (242,0)	-	+FL120	-
	TF	KR	N	281 (287,9)	R	+FL120	-

Designator	Initial climb description (conventional)						
KUROS 2S KUROS TWO SIERRA	Route			Altitude	Remark		
	On track 356° to R351° D23,3 BRP VOR/DME, turn RIGHT to R003° D29,0 BRP VOR/DME, then at BB520 as described below			Cross R351° D23,3 BRP VOR/DME at 1200 or above, R003° D29,0 BRP VOR/DME at 1200 or above	Minimum climb gradient 7% up to 1200 m. Not authorized for simultaneous departures		
	Path description	Fix identifier (Waypoint name)	Flyover	Course °M (°T)	Turn direction	Altitude	Speed limit
	IF	BB520	Y	-	-	+1200	-
	TF	BBE04	N	086 (092,9)	-	+1850	-
	TF	KUROS	N	048 (054,9)	L	+FL170	-

Designator	Initial climb description (conventional)						
PI 1S Pii ONE SIERRA	Route			Altitude	Remark		
	On track 356° to R351° D23,3 BRP VOR/DME, turn RIGHT to R019° D22,9 BRP VOR/DME, then at BB530 as described below			Cross R351° D23,3 BRP VOR/DME at 1200 or above, R019° D22,9 BRP VOR/DME at 1200 or above	Minimum climb gradient 7% up to 1200 m. Not authorized for simultaneous departures		
	Path description	Fix identifier (Waypoint name)	Flyover	Course °M (°T)	Turn direction	Altitude	Speed limit
	IF	BB530	Y	-	-	+1200	-
	TF	BRP	N	199 (205,7)	-	+2450	-
	TF	BBS01	N	166 (172,6)	L	-	-
	TF	PI	N	105(111,7)	L	+FL110	-

Designator	Initial climb description (conventional)						
SLV 1S Soloviivka ONE SIERRA	Route			Altitude	Remark		
	On track 356° to D10,3 BRP DME, turn LEFT on track 314° to intercept R333° BRP VOR, on R333° BRP VOR to D26,2 BRP DME, turn LEFT to R321° D32,3 BRP VOR/DME, then at BBW02 as described below			Cross D10,3 BRP DME at 300 or above, D26,2 BRP DME at 1200 or above, R321° D32,3 BRP VOR/DME at 1200 or above	Minimum climb gradient 7% up to 1200 m..		
	Path description	Fix identifier (Waypoint name)	Flyover	Course °M (°T)	Turn direction	Altitude	Speed limit
	IF	BBW02	Y	-	-	+1200	-
	TF	BBW01	N	235 (242,0)	-	+FL120	-
	TF	SLV	N	238 (244,9)	R	+FL120	-

Designator	Initial climb description (conventional)						
SULUM 2S SULUM TWO SIERRA	Route			Altitude	Remark		
	On track 356° to R351° D23,3 BRP VOR/DME, turn RIGHT to R019° D22,9 BRP VOR/DME, then at BB530 as described below			Cross R351° D23,3 BRP VOR/DME at 1200 or above, R019° D22,9 BRP VOR/DME at 1200 or above	Minimum climb gradient 7% up to 1200 m. Not authorized for simultaneous departures.		
	Path description	Fix identifier (Waypoint name)	Flyover	Course °M (°T)	Turn direction	Altitude	Speed limit
	IF	BB530	Y	-	-	+1200	-
	TF	BRP	N	199 (205,7)	-	+2450	-
	TF	SULUM	N	184 (190,6)	L	+3050	-

Designator	Initial climb description (conventional)						
TABAV 1S TABAV ONE SIERRA	Route			Altitude	Remark		
	On track 356° to R351° D23,3 BRP VOR/DME, turn RIGHT to R019° D22,9 BRP VOR/DME, then at BB530 as described below			Cross R351° D23,3 BRP VOR/DME at 1200 or above, R019° D22,9 BRP VOR/DME at 1200 or above	Minimum climb gradient 7% up to 1200 m. Not authorized for simultaneous departures.		
	Path description	Fix identifier (Waypoint name)	Flyover	Course °M (°T)	Turn direction	Altitude	Speed limit
	IF	BB530	Y	-	-	+1200	-
	TF	BRP	N	199 (205,7)	-	+2450	-
	TF	BBS01	N	166 (172,6)	L	-	-
	TF	TABAV	N	166 (172,6)	-	+2750	-

Designator	Initial climb description (conventional)						
TUVOG 1S TUVOG ONE SIERRA	Route			Altitude	Remark		
	On track 356° to R351° D23,3 BRP VOR/DME, then at BB510 as described below			Cross R351° D23,3 BRP VOR/DME at 1200 or above	Minimum climb gradient 7% up to 1200 m. Not authorized for simultaneous departures.		
	Path description	Fix identifier (Waypoint name)	Flyover	Course °M (°T)	Turn direction	Altitude	Speed limit
	IF	BB510	Y	-	-	+1200	-
	TF	TUVOG	N	360 (006,8)	-	+FL130	-

Designator	Initial climb description (conventional)						
VESEL 2S VESEL TWO SIERRA	Route			Altitude	Remark		
	On track 356° to R351° D23,3 BRP VOR/DME, turn RIGHT to R019° D22,9 BRP VOR/DME, then at BB530 as described below			Cross R351° D23,3 BRP VOR/DME at 1200 or above, R019° D22,9 BRP VOR/DME at 1200 or above	Minimum climb gradient 7% up to 1200 m. Not authorized for simultaneous departures. By ATC		
	Path description	Fix identifier (Waypoint name)	Flyover	Course °M (°T)	Turn direction	Altitude	Speed limit
	IF	BB530	Y	-	-	+1200	-
	TF	BRP	N	199 (205,7)	-	+2450	-
	TF	VESEL	N	224 (231,2)	R	+3050	-

WAYPOINTS

Waypoint name	Coordinates		Waypoint name	Coordinates	
BB510	502942.0N	0305331.0E	SLV	501112.5N	0293412.5E
BB520	503233.0N	0305826.0E	KR	503625.0N	0291650.0E
BB530	502816.0N	0310224.0E	GOTAP	501518.0N	0314912.0E
BBE04	503153.0N	0311828.0E	KUROS	504454.0N	0314748.0E
BBS01	495443.0N	0305834.0E	SULUM	493328.0N	0304133.0E
BBW01	502417.0N	0301718.0E	TABAV	492417.0N	0310437.0E
BBW02	503158.0N	0303946.0E	TUVOG	505647.0N	0305840.0E
BO	503743.0N	0305332.0E	VESEL	493900.0N	0294143.0E
BRP	501708.5N	0305403.5E			
PI	495224.0N	0310732.0E			