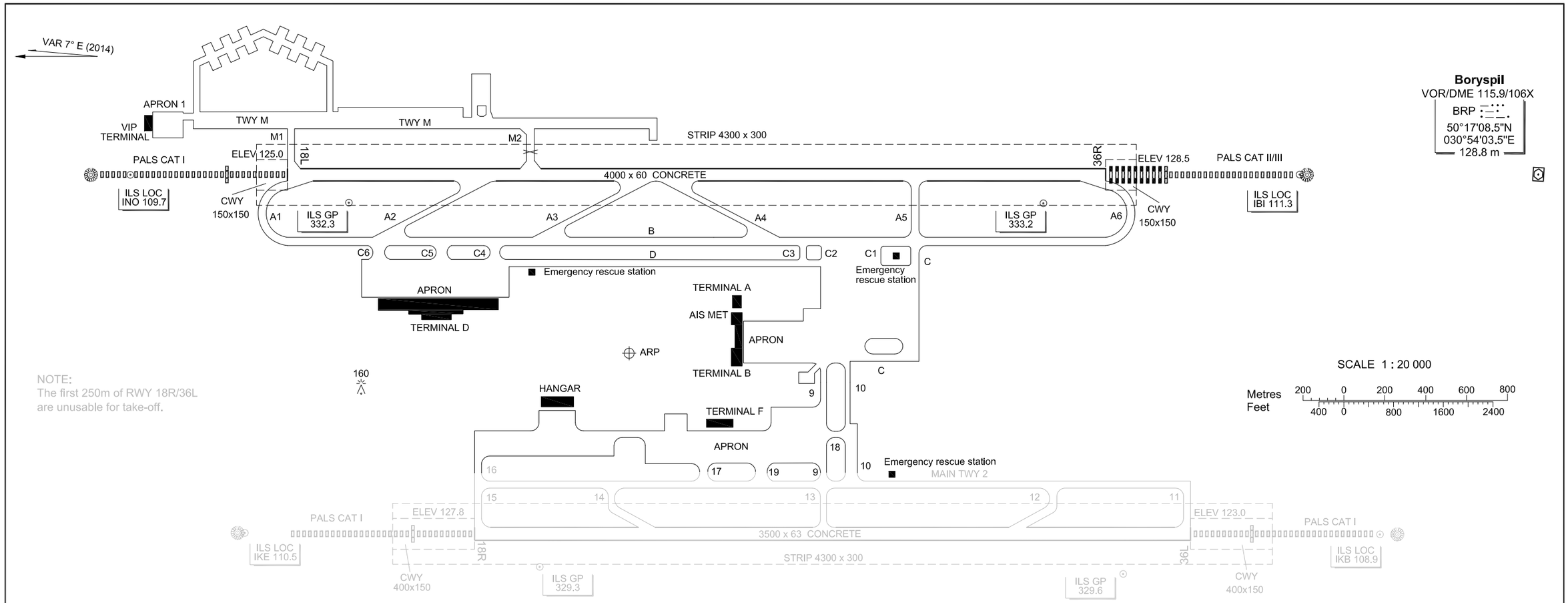
AERODROME CHART-ICAO

ARP:
50°20'41"N
030°53'36"E

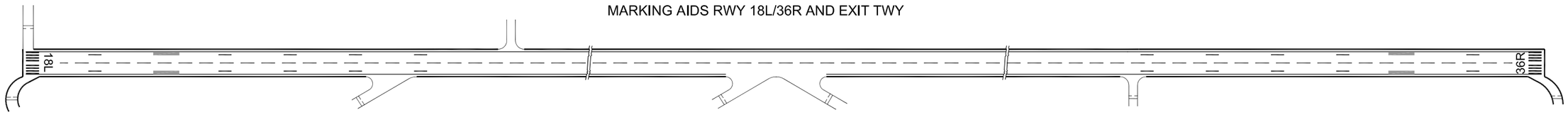
ELEV 130 M

TWR	119.300 124.000	O/R
Ground	118.050	
DLV	130.275	

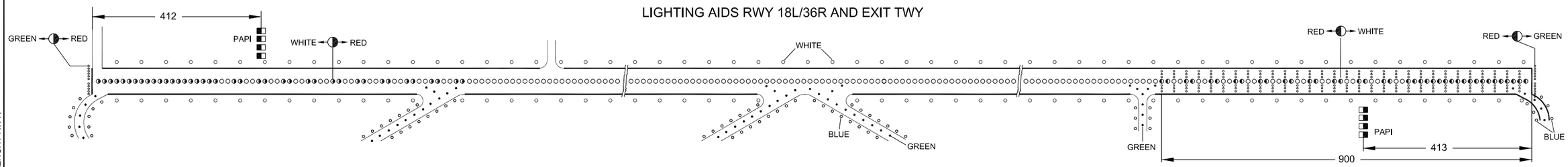
KYIV/Boryspil
RWY 18L/36R



MARKING AIDS RWY 18L/36R AND EXIT TWY



LIGHTING AIDS RWY 18L/36R AND EXIT TWY



AERODROME LIGHTING	RWY	DIRECTION	THR	BEARING STRENGTH
Approach: RWY 18L/36R - LIH Runway: Edge-WHITE, last 600 m - YELLOW LIH Threshold: GREEN	18L	176°	50°21'37.94"N 030°54'23.30"E	PCN 113/R/C/W/T
	36R	356°	50°19'28.63"N 030°54'13.80"E	

RWY	DIRECTION	THR	BEARING STRENGTH
18R	176°	50°21'07.68"N 030°52'53.73"E	PCN 39/R/C/W/T
36L	356°	50°19'14.54"N 030°52'45.54"E	

SCALE 1 : 10 000
Metres 100 0 100 200 300 400
Feet 200 0 400 800 1200

ELEVATIONS AND DIMENSIONS IN METRES, BEARINGS ARE MAGNETIC

CHANGE: BEARING STRENGHT RWY.

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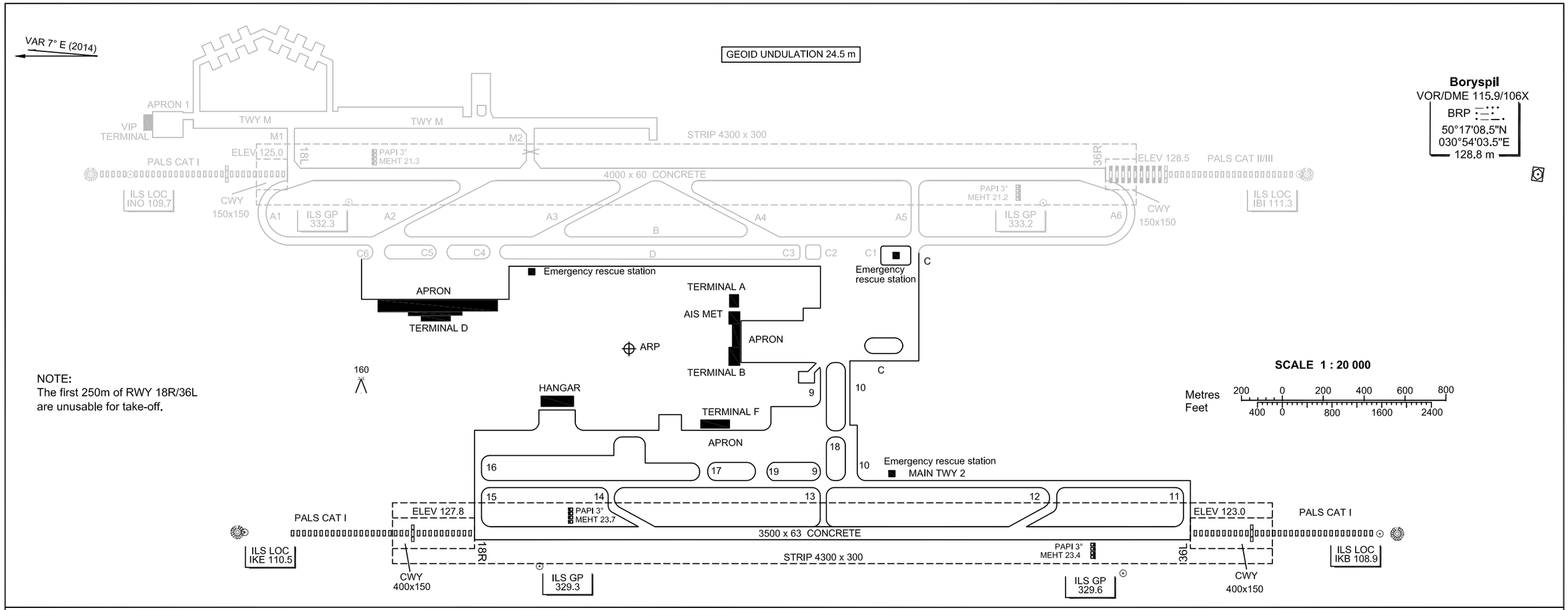
AERODROME CHART-ICAO

ARP
50°20'41" N
030°53'36" E

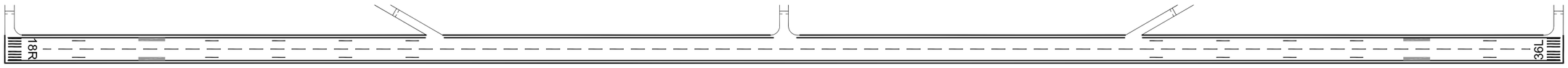
ELEV 130 M

TWR	119.300	124.000	O/R
Ground	118.050		
DLV	130.275		

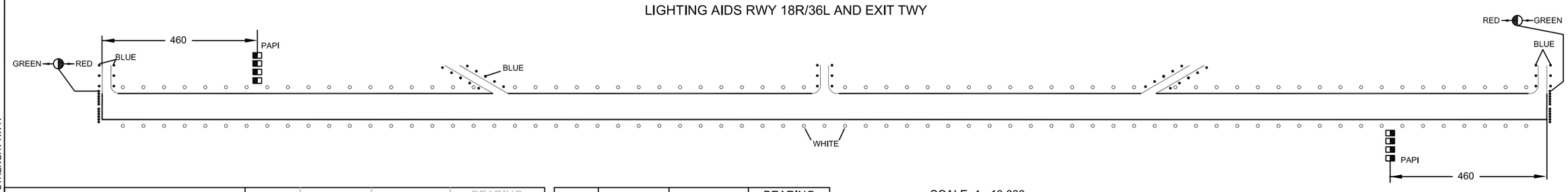
KYIV/Boryspil
RWY 18R/36L



MARKING AIDS RWY 18R/36L AND EXIT TWY



LIGHTING AIDS RWY 18R/36L AND EXIT TWY



AERODROME LIGHTING	RWY	DIRECTION	THR	BEARING STRENGTH
Approach: RWY 18R/36L - LIH	18L	176°	50°21'37.94"N 030°54'23.30"E	PCN 113/R/C/W/T
Runway: Edge - WHITE, last 600 m - YELLOW LIH	36R	356°	50°19'28.63"N 030°54'13.80"E	
Threshold: GREEN				

RWY	DIRECTION	THR	BEARING STRENGTH
18R	176°	50°21'07.68"N 030°52'53.73"E	PCN 39/R/C/W/T
36L	356°	50°19'14.54"N 030°52'45.54"E	

SCALE 1 : 10 000
Metres
100 0 100 200 300 400
Feet
200 0 400 800 1200

ELEVATIONS AND DIMENSIONS IN METRES, BEARINGS ARE MAGNETIC

CHANGE: BEARING STRENGHT RWY.

© UkSATSE, 2017

TWR 119.650 119.300
Ground 118.050, 127.925
DLV 130.275

AIRCRAFT PARKING CHART - ICAO

KYIV/Boryspil

NOT TO SCALE

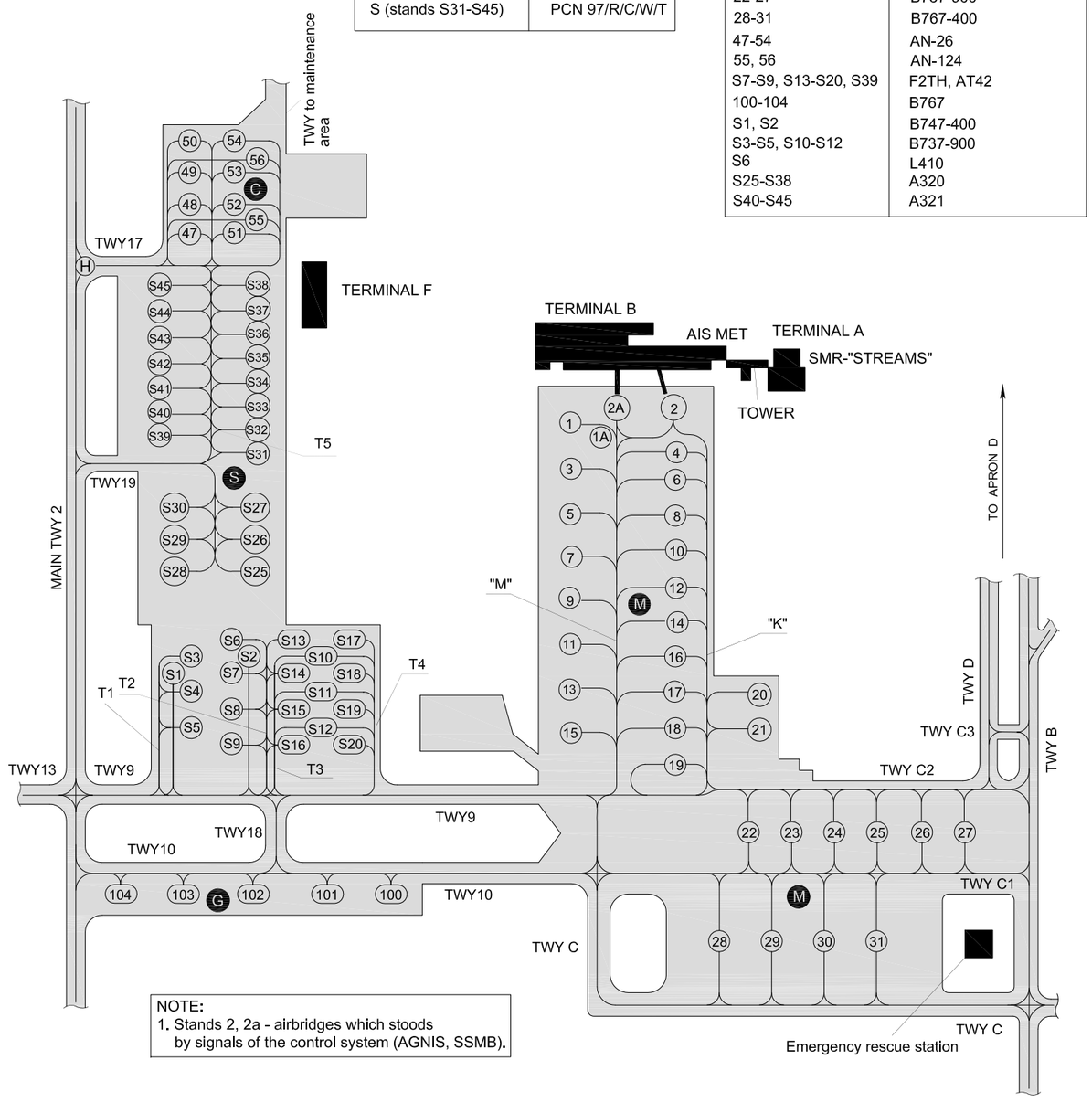
VAR 7° E

APRON	BEARING STRENGTH
M	PCN 31/R/C/W/T
M (stands 22-31)	PCN 97/R/C/W/T
C	PCN 51/R/C/W/T
G	PCN 97/R/C/W/T
S	PCN 63/R/C/W/T
S (stands S10-S20)	PCN 21/R/C/X/T
S (stands S25-S30)	PCN 97/R/C/W/T
S (stands S31-S45)	PCN 97/R/C/W/T

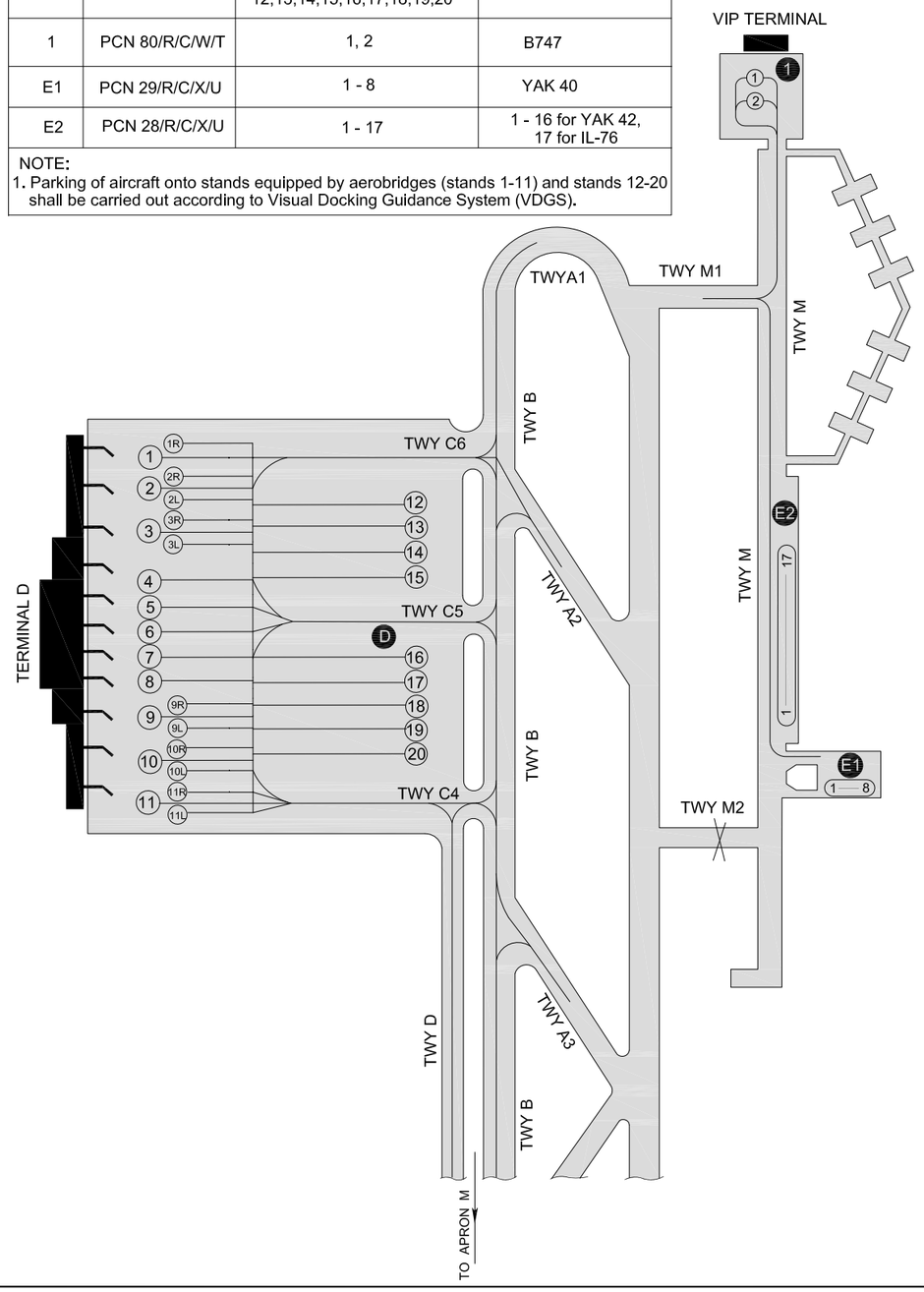
STANDS	ACFT TYPES
2, 2A	B767, A300
4-18	B737-400
3-13	A300
1	A767
1A	B747
15, 19	G-1, G-4, L-410
20, 21	B737, E145, E170, E190
22-27	B737-900
28-31	B767-400
47-54	AN-26
55, 56	AN-124
S7-S9, S13-S20, S39	F2TH, AT42
100-104	B767
S1, S2	B747-400
S3-S5, S10-S12	B737-900
S6	L410
S25-S38	A320
S40-S45	A321

APRON	BEARING STRENGTH	STANDS	ACFT TYPES
D	PCN 135/R/C/W/T	1,2,3,9,10,11	B777-300, B747-400, B767-400, A330, A340
		1R,2L,2R,3L,3R,4,5,6,7,8, 9L,9R,10L,10R,11L,11R, 12,13,14,15,16,17,18,19,20	B739, A320, A321
1	PCN 80/R/C/W/T	1, 2	B747
E1	PCN 29/R/C/X/U	1 - 8	YAK 40
E2	PCN 28/R/C/X/U	1 - 17	1 - 16 for YAK 42, 17 for IL-76

NOTE:
1. Parking of aircraft onto stands equipped by aerobridges (stands 1-11) and stands 12-20 shall be carried out according to Visual Docking Guidance System (VDGS).



NOTE:
1. Stands 2, 2a - airbridges which stoods by signals of the control system (AGNIS, SSMB).



CHANGE: Correction taxiing APRON S and C.

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Coordinates of the stands (Apron "M")

№	STAND	LATITUDE	LONGITUDE
1	Stand 1	50°20'23,41"N	030°53'39,77"E
2	Stand 1A	50"20'22,48"N	030°53'39,70"E
3	Stand 2	50"20'24,30"N	030°53'41,83"E
4	Stand 2A	50°20'24,21"N	030°53'44,46"E
5	Stand 3	50°20'21,62"N	030°53'39,64"E
6	Stand 4	50°20'21,65"N	030°53'43,64"E
7	Stand 5	50°20'19,83"N	030°53'39,51"E
8	Stand 6	50°20'20,49"N	030°53'43,54"E
9	Stand 7	50°20'17,90"N	030°53'39,37"E
10	Stand 8	50°20'19,33"N	030°53'43,46"E
11	Stand 9	50°20'16,10"N	030°53'39,24"E
12	Stand 10	50°20'18,04"N	030°53'43,38"E
13	Stand 11	50°20'14,30"N	030°53'39,11"E
14	Stand 12	50°20'16,87"N	030°53'43,28"E
15	Stand 13	50°20'12,48"N	030°53'38,97"E
16	Stand 14	50°20'15,71"N	030°53'43,19"E
17	Stand 15	50°20'11,20"N	030°53'37,12"E
18	Stand 16	50°20'14,55"N	030°53'43,10"E
19	Stand 17	50°20'13,38"N	030°53'43,03"E
20	Stand 18	50°20'12,22"N	030°53'42,94"E
21	Stand 19	50°20'11,19"N	030°53'42,86"E
22	Stand 20	50°20'14,00"N	030°53'47,00"E
23	Stand 21	50°20'13,00"N	030°53'47,00"E
24	Stand 22	50°20'09,01"N	030°53'47,75"E
25	Stand 23	50°20'08,93"N	030°53'50,40"E
26	Stand 24	50°20'08,87"N	030°53'52,59"E
27	Stand 25	50°20'08,78"N	030°53'55,24"E
28	Stand 26	50°20'08,72"N	030°53'57,44"E
29	Stand 27	50°20'08,64"N	030°54'00,09"E
30	Stand 28	50°20'02,39"N	030°53'45,22"E
31	Stand 29	50°20'02,29"N	030°53'48,23"E
32	Stand 30	50°20'02,20"N	030°53'51,23"E
33	Stand 31	50°20'02,11"N	030°53'54,23"E

Coordinates of the stands (Apron "G")

№	STAND	LATITUDE	LONGITUDE
1	Stand 100	50°20'03,62"N	030°53'17,63"E
2	Stand 101	50°20'03,71"N	030°53'14,64"E
3	Stand 102	50°20'03,80"N	030°53'11,63"E
4	Stand 103	50°20'03,89"N	030°53'08,63"E
5	Stand 104	50°20'03,98"N	030°53'05,64"E

Coordinates of the stands (Apron "C")

№	STAND	LATITUDE	LONGITUDE
1	Stand 47	50°20'35,05"N	030°53'10,51"E
4	Stand 48	50°20'36,22"N	030°53'10,59"E
3	Stand 49	50°20'37,38"N	030°53'10,69"E
4	Stand 50	50°20'38,55"N	030°53'10,78"E
5	Stand 51	50°20'34,99"N	030°53'12,57"E
6	Stand 52	50°20'36,15"N	030°53'12,66"E
7	Stand 53	50°20'37,32"N	030°53'12,75"E
8	Stand 54	50°20'38,49"N	030°53'12,83"E
9	Stand 55	50°20'35,57"N	030°53'10,79"E
10	Stand 56	50°20'37,49"N	030°53'10,93"E

Coordinates of the stands (Apron "D")

№	STAND	LATITUDE	LONGITUDE
1	Stand 1	50°21'16,95"N	030°53'55,42"E
2	Stand 1R	50°21'17,55"N	030°53'56.45"E
3	Stand 2	50°21'14,61"N	030°53'55,25"E
4	Stand 2R	50°21'15,32"N	030°53'55.18"E
5	Stand 2L	50°21'14,01"N	030°53'56,11"E
6	Stand 3	50°21'11,49"N	030°53'55,02"E
7	Stand 3R	50°21'11,90"N	030°53'54,94"E
8	Stand 3L	50°21'10,60"N	030°53'55,76"E
9	Stand 4	50°21'09,27"N	030°53'55,65"E
10	Stand 5	50°21'08,01"N	030°53'55,30"E
11	Stand 6	50°21'06,73"N	030°53'55,25"E
12	Stand 7	50°21'05,46"N	030°53'55,20"E
13	Stand 8	50°21'04,18"N	030°53'55,16"E
14	Stand 9	50°21'02,19"N	030°53'54,34"E
15	Stand 9R	50°21'02,58"N	030°53'54,28"E
16	Stand 9L	50°21'01,28"N	030°53'55,03"E
17	Stand 10	50°20'58,89"N	030°53'54,07"E
18	Stand 10R	50°20'59,50"N	030°53'53,96"E
19	Stand 10L	50°20'58,18"N	030°53'54,99"E
20	Stand 11	50°20'56,40"N	030°53'53,92"E
21	Stand 11R	50°20'56,93"N	030°53'53,81"E
22	Stand 11L	50°20'55,63"N	030'53'54,80"E
23	Stand 12	50°21'13,49"N	030°54'06,10"E
24	Stand 13	50°21'12,18"N	030'54'05,10"E
25	Stand 14	50°21'10,88"N	030°54'05,82"E
26	Stand 15	50°21'09,56"N	030°54'05,81"E
27	Stand 16	50°21'04,16"N	030°54'05,41"E
28	Stand 17	50°21'02,85"N	030°54'05,31"E
29	Stand 18	50°21'01,54"N	030°54'05,14"E
30	Stand 19	50°21'00,23"N	030°54'05,12"E
31	Stand 20	50°20'58,92"N	030°54'05,02"E

Coordinates of the stands (Apron "S")

№	STAND	LATITUDE	LONGITUDE
1	Stand S1	50°20'15,19"N	030°53'09,01"E
2	Stand S2	50°20'15,08"N	030°53'12,66"E
3	Stand S3	50°20'15,30"N	030°53'11,07"E
4	Stand S4	50°20'13,90"N	030°53'10,97"E
5	Stand S5	50°20'12,50"N	030°53'10,87"E
6	Stand S6	50°20'12,32"N	030°53'11,24"E
7	Stand S7	50°20'14,60"N	030°53'11,40"E
8	Stand S8	50°20'13,46"N	030°53'11,32"E
9	Stand S9	50°20'15,67"N	030°53'11,48"E
10	Stand S10	50°20'15,16"N	030°53'15,95"E
11	Stand S11	50°20'13,76"N	030°53'15,85"E
12	Stand S12	50°20'12,35"N	030°53'15,75"E
13	Stand S13	50°20'15,60"N	030°53'16,05"E
14	Stand S14	50°20'14,46"N	030°53'15,96"E
15	Stand S15	50°20'13,33"N	030°53'15,88"E
16	Stand S16	50°20'12,19"N	030°53'15,80"E
17	Stand S17	50°20'15,58"N	030°53'16,91"E
18	Stand S18	50°20'14,44"N	030°53'16,83"E
19	Stand S19	50°20'13,30"N	030°53'16,75"E
20	Stand S20	50°20'12,16"N	030°53'16,66"E
21	Stand S25	50°20'17,03"N	030°53'14,20"E
22	Stand S26	50°20'18,37"N	030°53'14,30"E
23	Stand S27	50°20'19,72"N	030°53'14,39"E
24	Stand S28	50°20'17,07"N	030°53'07,57"E
25	Stand S29	50°20'18,42"N	030°53'07,66"E
26	Stand S30	50°20'19,76"N	030°53'07,76"E
27	Stand S31	50°20'21,87"N	030°53'14,55"E
28	Stand S32	50°20'23,21"N	030°53'14,65"E
29	Stand S33	50°20'24,55"N	030°53'14,75"E
30	Stand S34	50°20'25,90"N	030°53'14,84"E
31	Stand S35	50°20'27,24"N	030°53'14,94"E
32	Stand S36	50°20'28,58"N	030°53'15,04"E
33	Stand S37	50°20'29,93"N	030°53'15,13"E
34	Stand S38	50°20'31,27"N	030°53'15,23"E
35	Stand S39	50°20'23,30"N	030°53'06,73"E
36	Stand S40	50°20'24,56"N	030°53'06,82"E
37	Stand S41	50°20'25,90"N	030°53'06,92"E
38	Stand S42	50°20'27,25"N	030°53'07,01"E
39	Stand S43	50°20'28,59"N	030°53'07,10"E
40	Stand S44	50°20'29,94"N	030°53'07,21"E
41	Stand S45	50°20'31,28"N	030°53'07,30"E

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TWR 119.650, 119.300
Ground 118.050, 127.925
DLV 130.275

AERODROME GROUND MOVEMENT CHART-ICAO

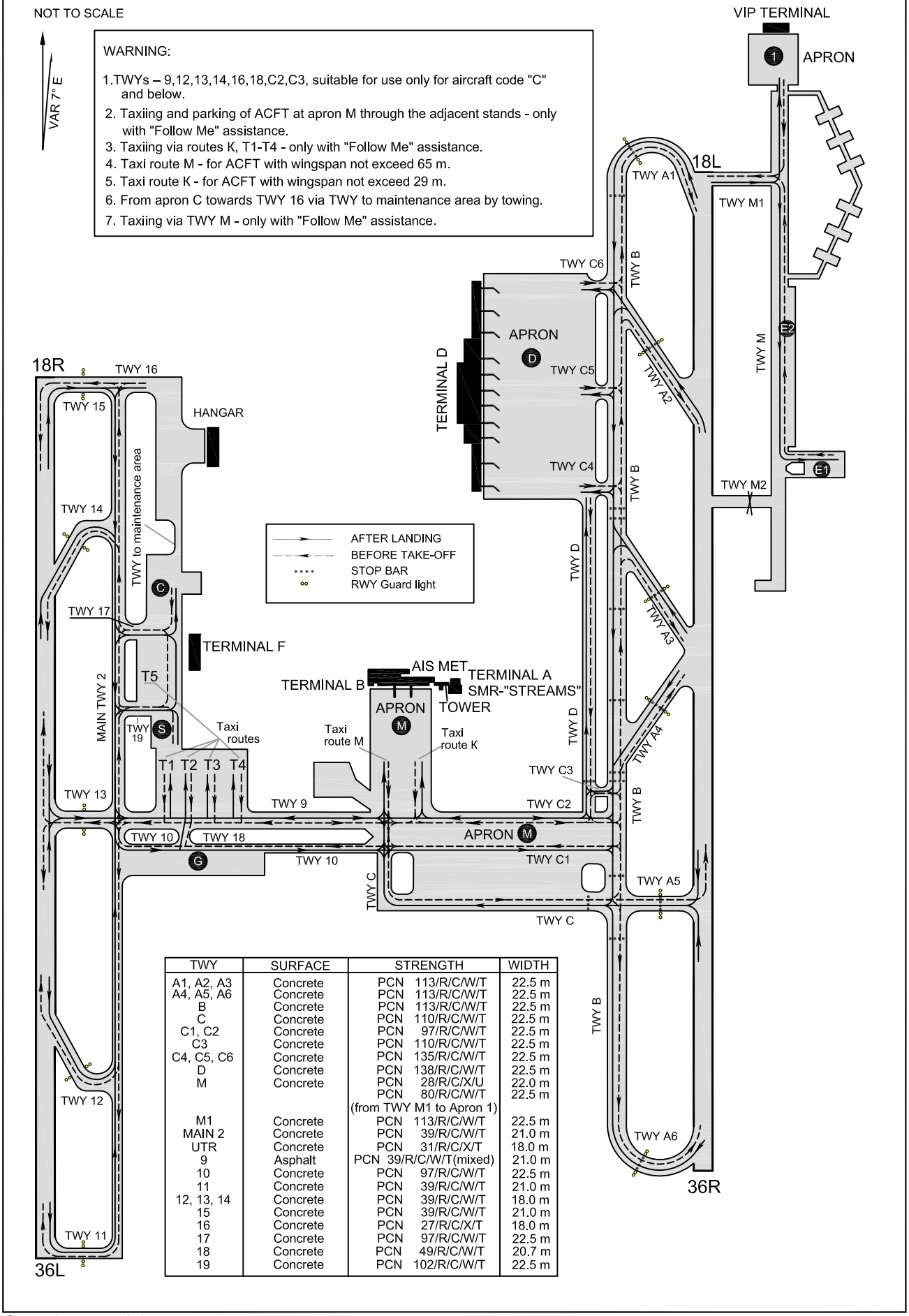
KYIV/Boryspil

NOT TO SCALE

VAR 7° E

WARNING:

1. TWYs – 9,12,13,14,16,18,C2,C3, suitable for use only for aircraft code "C" and below.
2. Taxiing and parking of ACFT at apron M through the adjacent stands - only with "Follow Me" assistance.
3. Taxiing via routes K, T1-T4 - only with "Follow Me" assistance.
4. Taxi route M - for ACFT with wingspan not exceed 65 m.
5. Taxi route K - for ACFT with wingspan not exceed 29 m.
6. From apron C towards TWY 16 via TWY to maintenance area by towing.
7. Taxiing via TWY M - only with "Follow Me" assistance.



TWY	SURFACE	STRENGTH	WIDTH
A1, A2, A3	Concrete	PCN 113/R/C/W/T	22.5 m
A4, A5, A6	Concrete	PCN 113/R/C/W/T	22.5 m
B	Concrete	PCN 113/R/C/W/T	22.5 m
C	Concrete	PCN 110/R/C/W/T	22.5 m
C1, C2	Concrete	PCN 97/R/C/W/T	22.5 m
C3	Concrete	PCN 110/R/C/W/T	22.5 m
C4, C5, C6	Concrete	PCN 135/R/C/W/T	22.5 m
D	Concrete	PCN 138/R/C/W/T	22.5 m
M	Concrete	PCN 28/R/C/X/U	22.0 m
		PCN 80/R/C/W/T (from TWY M1 to Apron 1)	22.5 m
M1	Concrete	PCN 113/R/C/W/T	22.5 m
MAIN 2	Concrete	PCN 39/R/C/W/T	21.0 m
UTR	Concrete	PCN 31/R/C/X/T	18.0 m
9	Asphalt	PCN 39/R/C/W/T(mixed)	21.0 m
10	Concrete	PCN 97/R/C/W/T	22.5 m
11	Concrete	PCN 39/R/C/W/T	21.0 m
12, 13, 14	Concrete	PCN 39/R/C/W/T	18.0 m
15	Concrete	PCN 39/R/C/W/T	21.0 m
16	Concrete	PCN 27/R/C/X/T	18.0 m
17	Concrete	PCN 97/R/C/W/T	22.5 m
18	Concrete	PCN 49/R/C/W/T	20.7 m
19	Concrete	PCN 102/R/C/W/T	22.5 m

CHANGE:BEARING STRENGTH.

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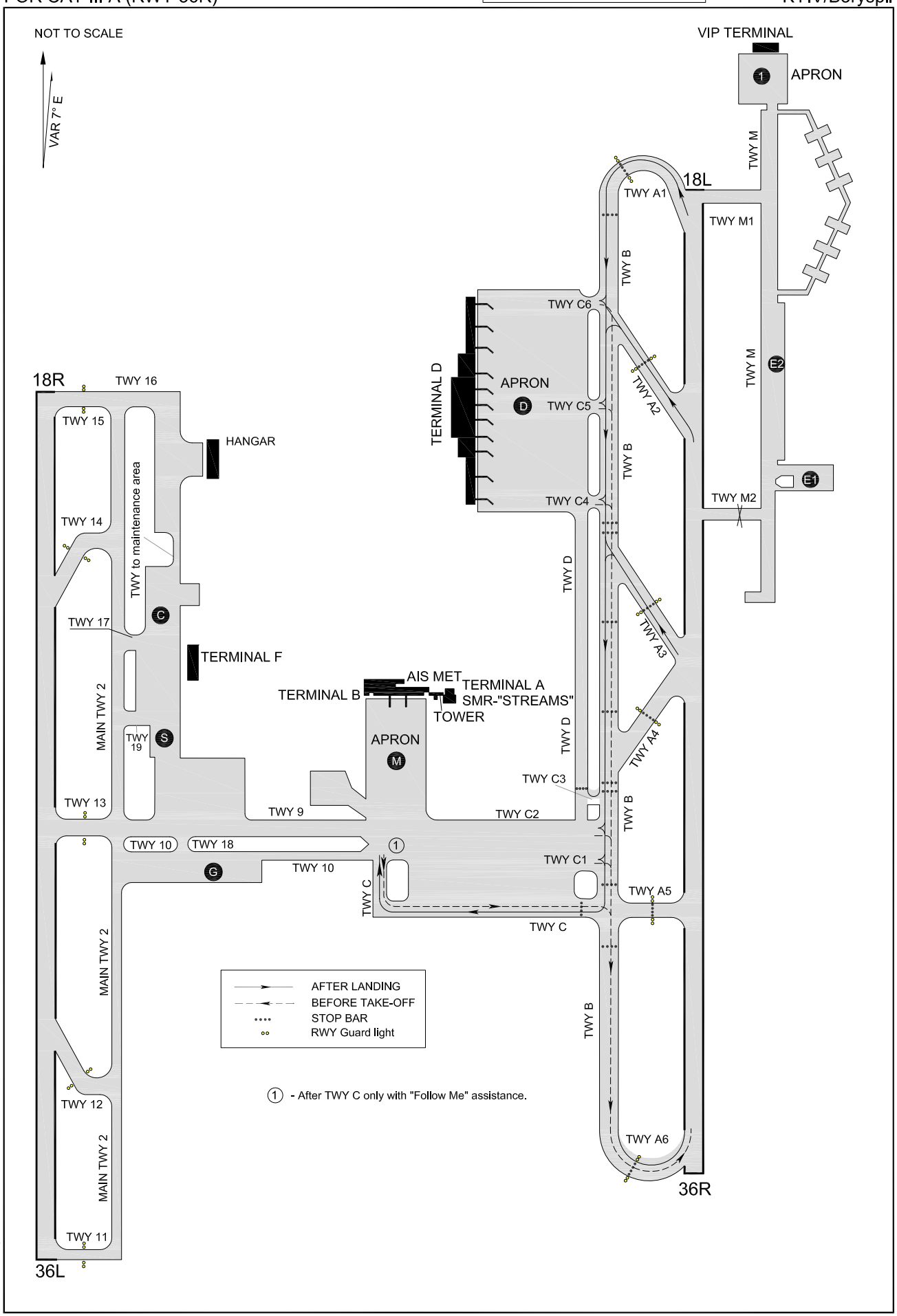
TWR 119.300
Ground 118.050, 127.925
DLV 130.275

AERODROME GROUND MOVEMENT CHART FOR CAT III A (RWY 36R)

KYIV/Boryspil



CHANGE: Boryspil deleted " ".

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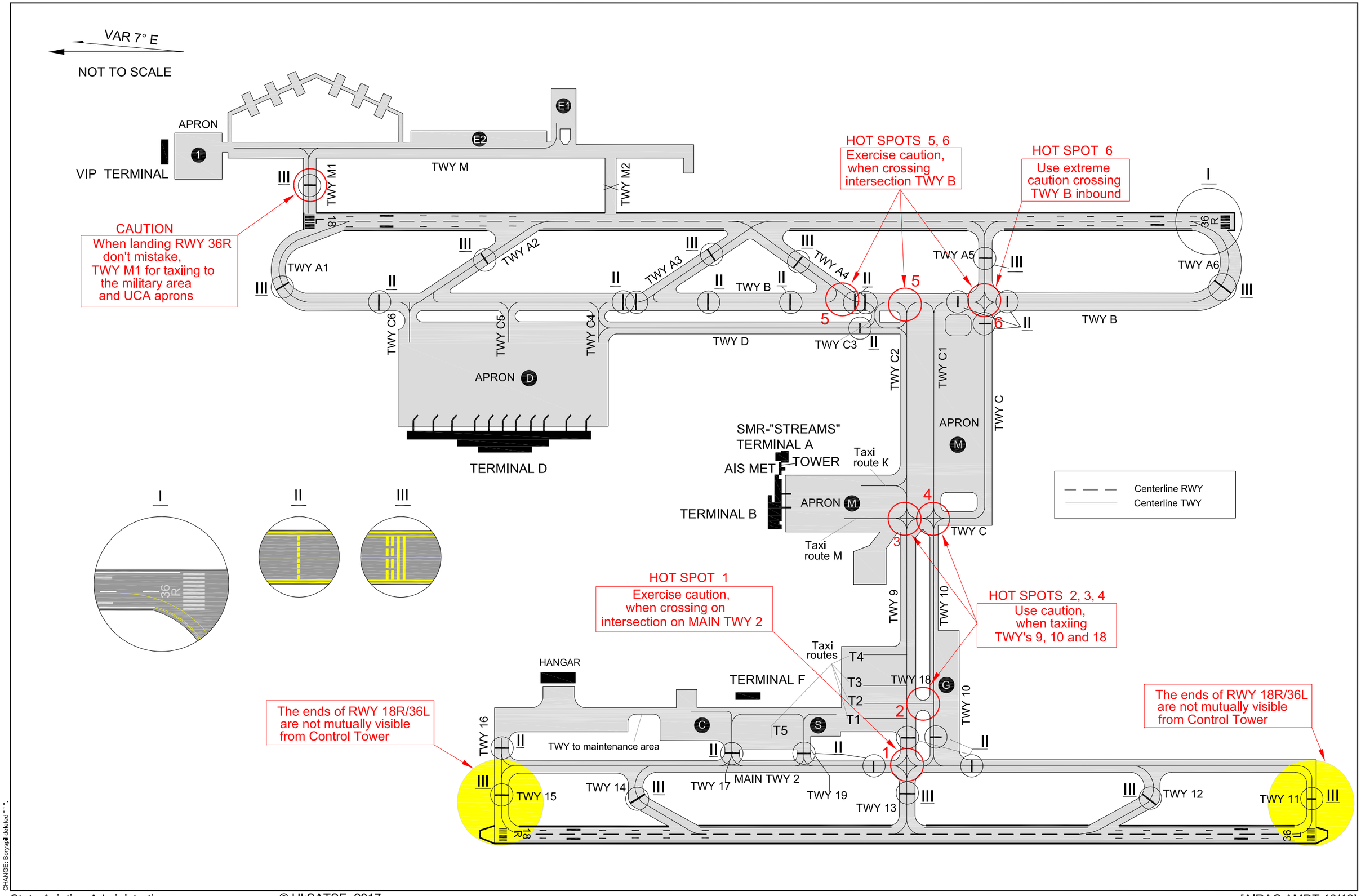
RUNWAY, TAXIWAY MARKINGS AND HOT SPOTS

ELEV 130 m

KYIV/Boryspil



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CHANGE: Boryspil deleted " " ".

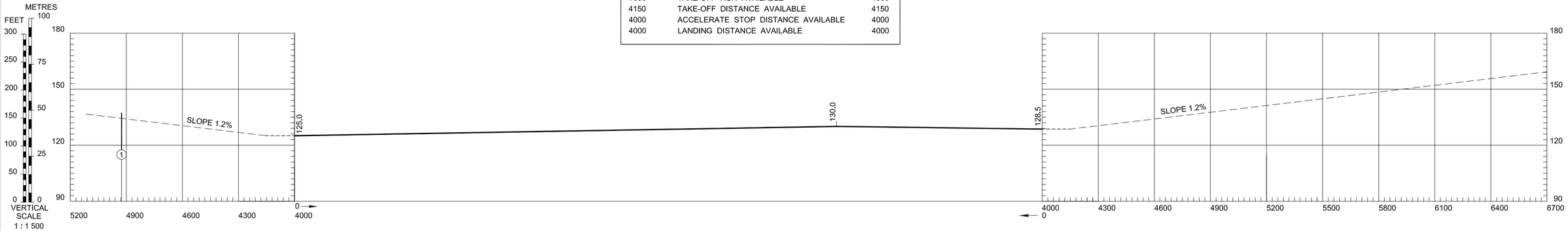
AERODROME OBSTACLE CHART - ICAO
TYPE A (OPERATING LIMITATIONS)

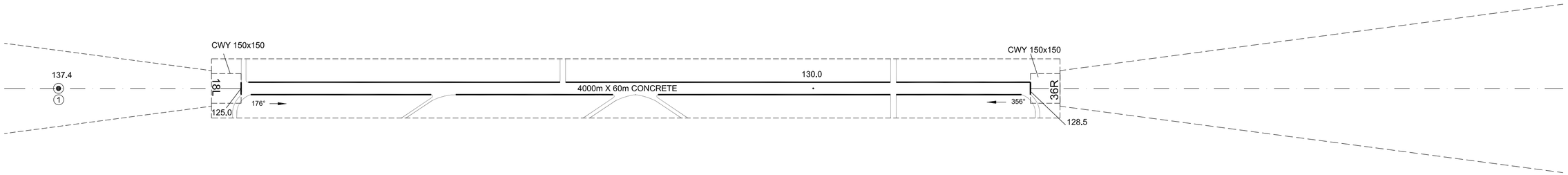
KYIV/Boryspil
RWY 18L/36R

DIMENSIONS AND ELEVATIONS IN METRES

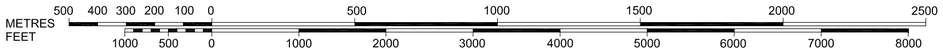
MAGNETIC VARIATION 7°E

DECLARED DISTANCES		
RWY 18L		RWY 36R
4000	TAKE-OFF RUN AVAILABLE	4000
4150	TAKE-OFF DISTANCE AVAILABLE	4150
4000	ACCELERATE STOP DISTANCE AVAILABLE	4000
4000	LANDING DISTANCE AVAILABLE	4000





HORIZONTAL SCALE 1 : 15000



LEGEND	
IDENTIFICATION NUMBER	1
ANTENNA	◉

AMENDMENT RECORD		
N	DATE	ENTERED BY

CHANGE: Obstacle.

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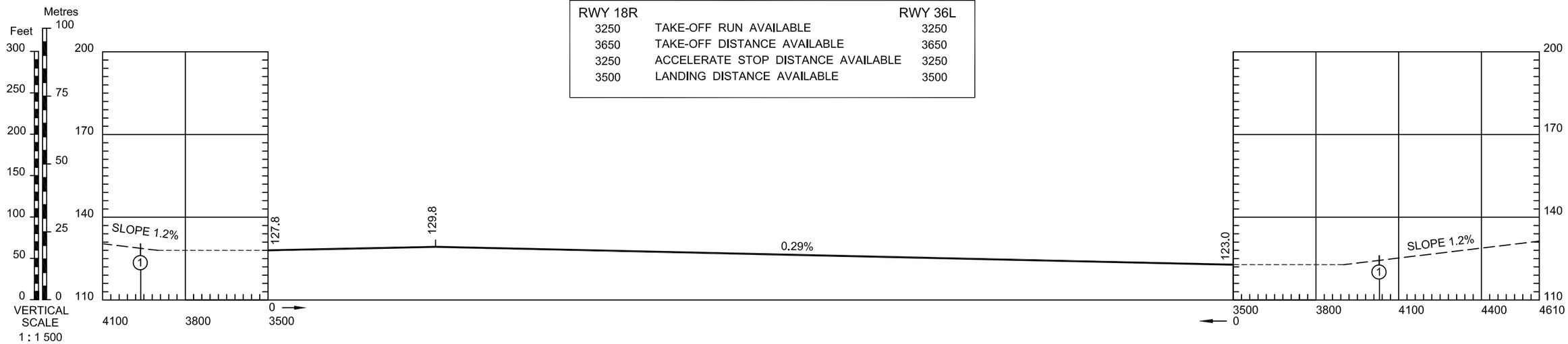
DIMENSIONS AND ELEVATIONS IN METRES

AERODROME OBSTACLE CHART - ICAO
TYPE A (OPERATING LIMITATIONS)

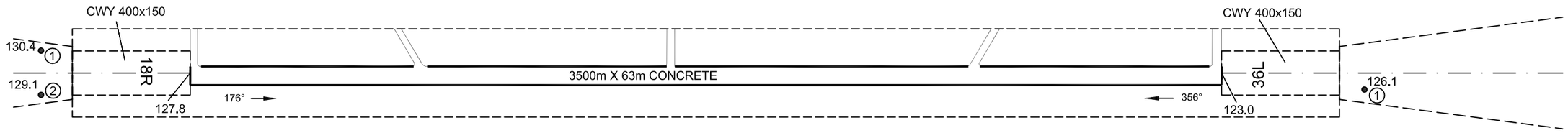
KYIV/Boryspil
RWY 18R/36L

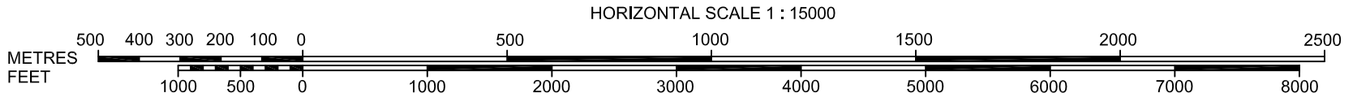
MAGNETIC VARIATION 7°E

DECLARED DISTANCES		
RWY 18R		RWY 36L
3250	TAKE-OFF RUN AVAILABLE	3250
3650	TAKE-OFF DISTANCE AVAILABLE	3650
3250	ACCELERATE STOP DISTANCE AVAILABLE	3250
3500	LANDING DISTANCE AVAILABLE	3500



NOTE:
The first 250m of RWY 18R/36L are unusable for take-off.





LEGEND	
IDENTIFICATION NUMBER	①
FENCE	•

AMENDMENT RECORD		
N	DATE	ENTERED BY

CHANGE: New ostacles.

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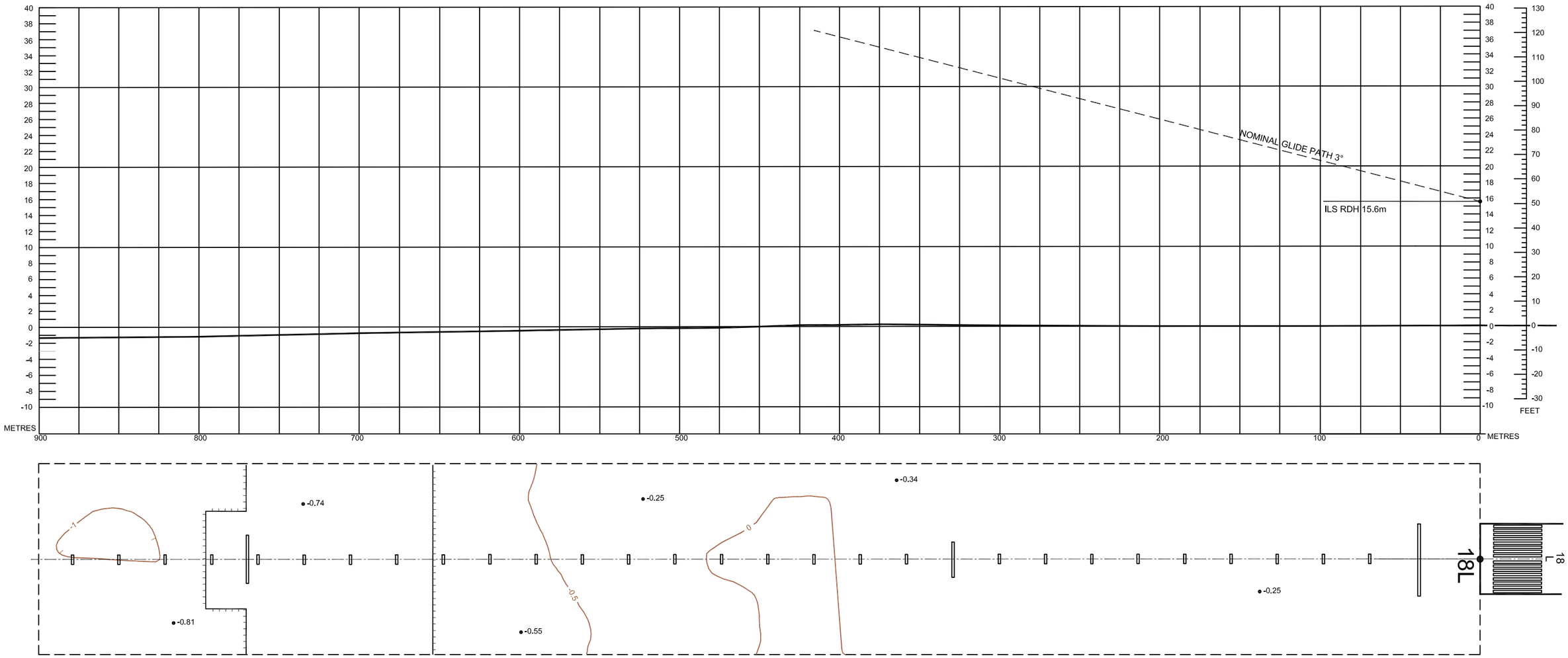
PRECISION APPROACH TERRAIN CHART - ICAO

KYIV/Boryspil
RWY 18L

DISTANCES AND HEIGHTS IN METRES



LEGEND:	PLAN	PROFILE
CONTOUR	-1	
CENTRE-LINE PROFILE		
APPROACH LIGHTS		
FENCE		

CHANGE: New chart.

HORIZONTAL SCALE 1:2500
VERTICAL SCALE 1:500
CONTOURS AND HEIGHTS ARE RELATED TO ELEVATION OF RWY THR

AMENDMENT RECORD		
No	DATE	ENTERED BY

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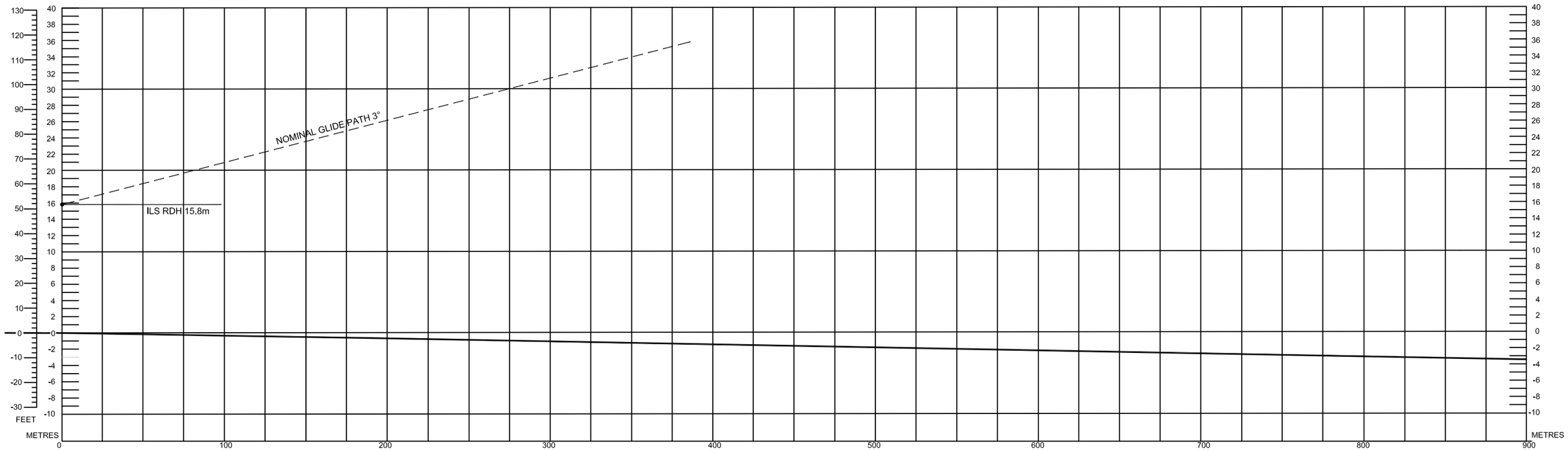
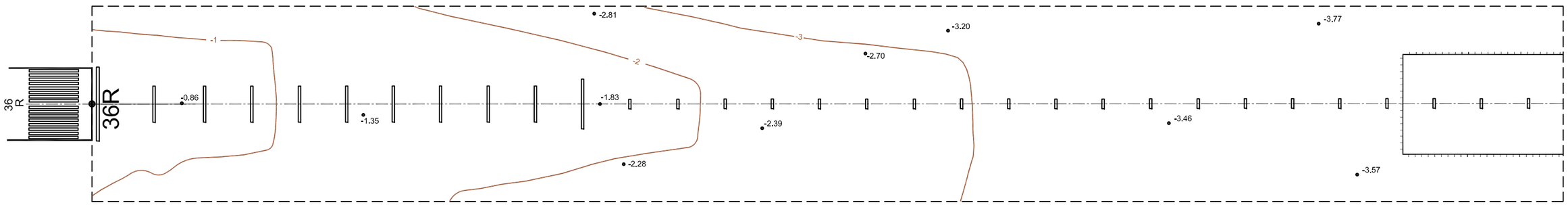
PRECISION APPROACH TERRAIN CHART - ICAO

KYIV/Boryspil
RWY 36R

DISTANCES AND HEIGHTS IN METRES





LEGEND:	PLAN	PROFILE
CONTOUR	-1	
CENTRE-LINE PROFILE		
APPROACH LIGHTS		
FENCE		

CHANGE: New chart.

HORIZONTAL SCALE 1:2500
VERTICAL SCALE 1:500
CONTOURS AND HEIGHTS ARE RELATED TO ELEVATION OF RWY THR

AMENDMENT RECORD		
No	DATE	ENTERED BY

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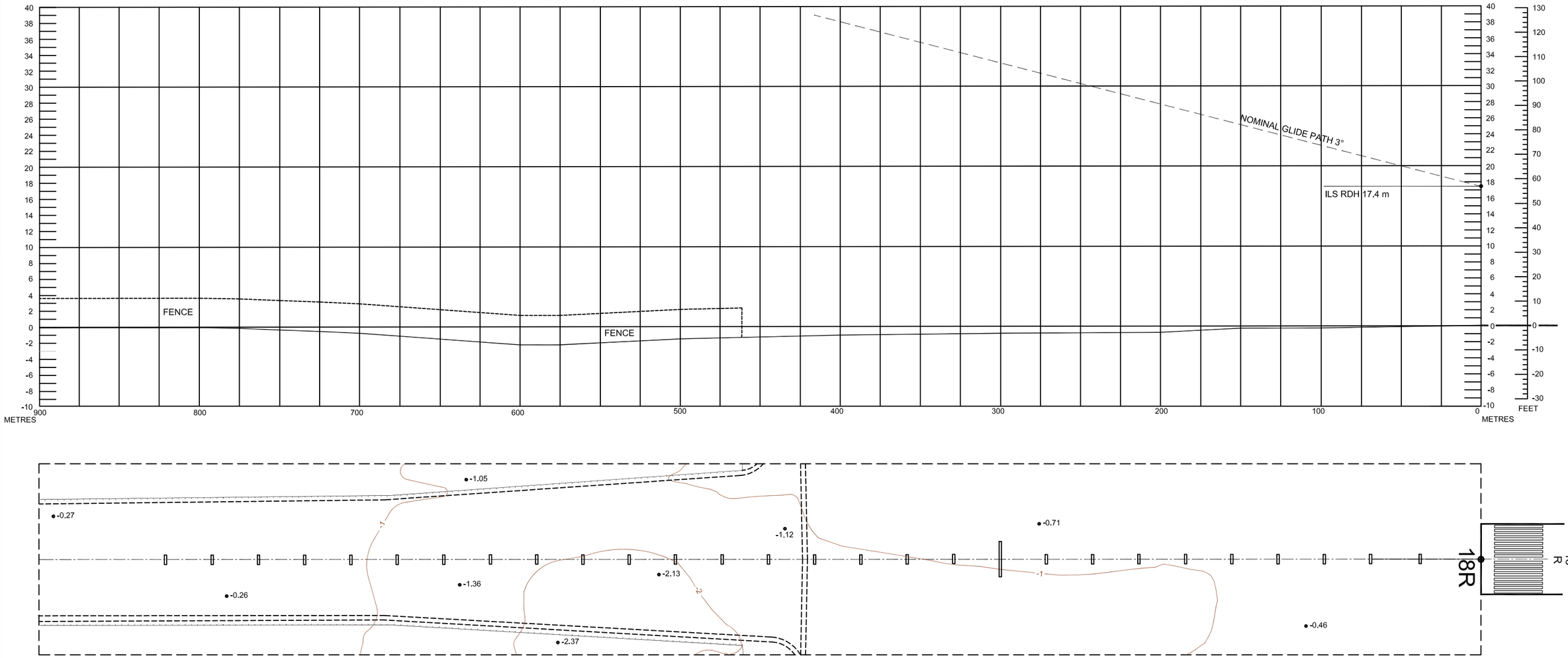
PRECISION APPROACH TERRAIN CHART - ICAO

KYIV/Boryspil
RWY 18R

DISTANCES AND HEIGHTS IN METRES



LEGEND:	PLAN	PROFILE
CONTOUR	-1	
CENTRE-LINE PROFILE		
APPROACH LIGHTS		
FENCE (OBSTACLE <3m.)		
ROAD (MOBILE OBSTACLE <3m.)		

CHANGE: New chart.

HORIZONTAL SCALE 1:2500
VERTICAL SCALE 1:500
CONTOURS AND HEIGHTS ARE RELATED TO ELEVATION OF RWY THR

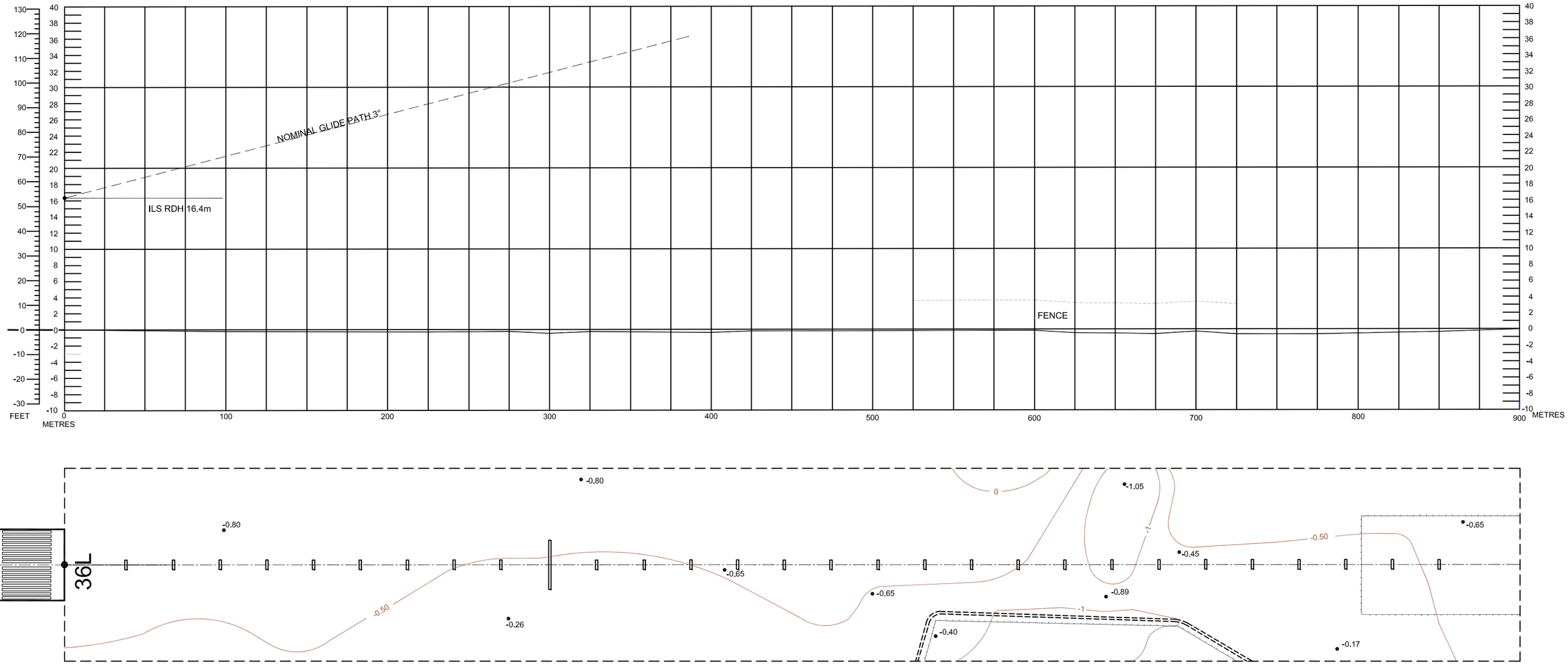
AMENDMENT RECORD		
No	DATE	ENTERED BY

© UkSATSE, 2017

KYIV/Boryspil
RWY 36L

PRECISION APPROACH TERRAIN CHART - ICAO

DISTANCES AND HEIGHTS IN METRES



LEGEND:	PLAN	PROFILE
CONTOUR	-1	
CENTRE-LINE PROFILE		
APPROACH LIGHTS		
FENCE (OBSTACLE <3m.)		
ROAD (MOBILE OBSTACLE <3m.)		

CHANGE: New chart.

HORIZONTAL SCALE 1:2500
VERTICAL SCALE 1:500
CONTOURS AND HEIGHTS ARE RELATED TO ELEVATION OF RWY THR

AMENDMENT RECORD		
No	DATE	ENTERED BY

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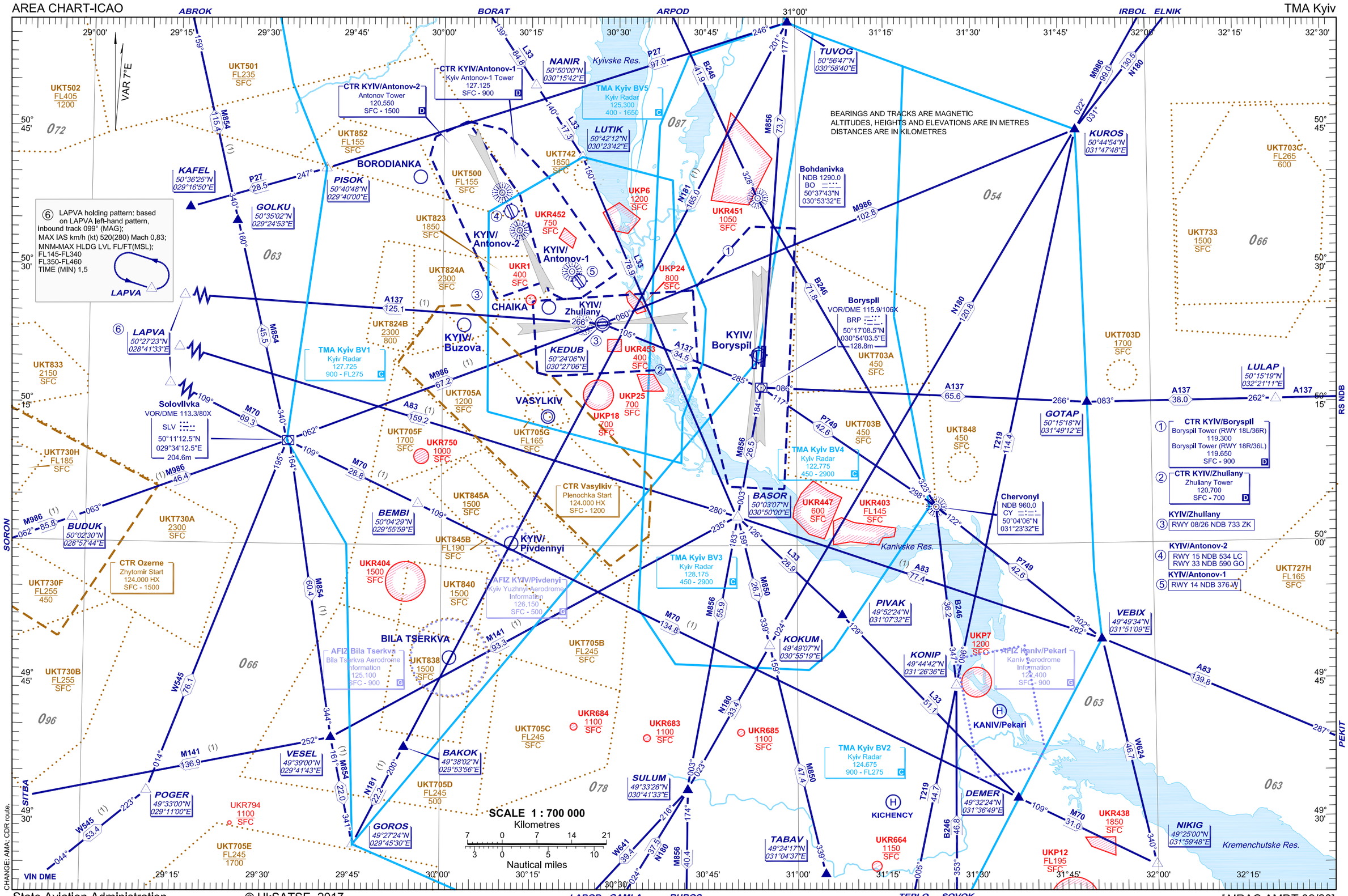
AREA CHART-ICAO

TMA Kyiv



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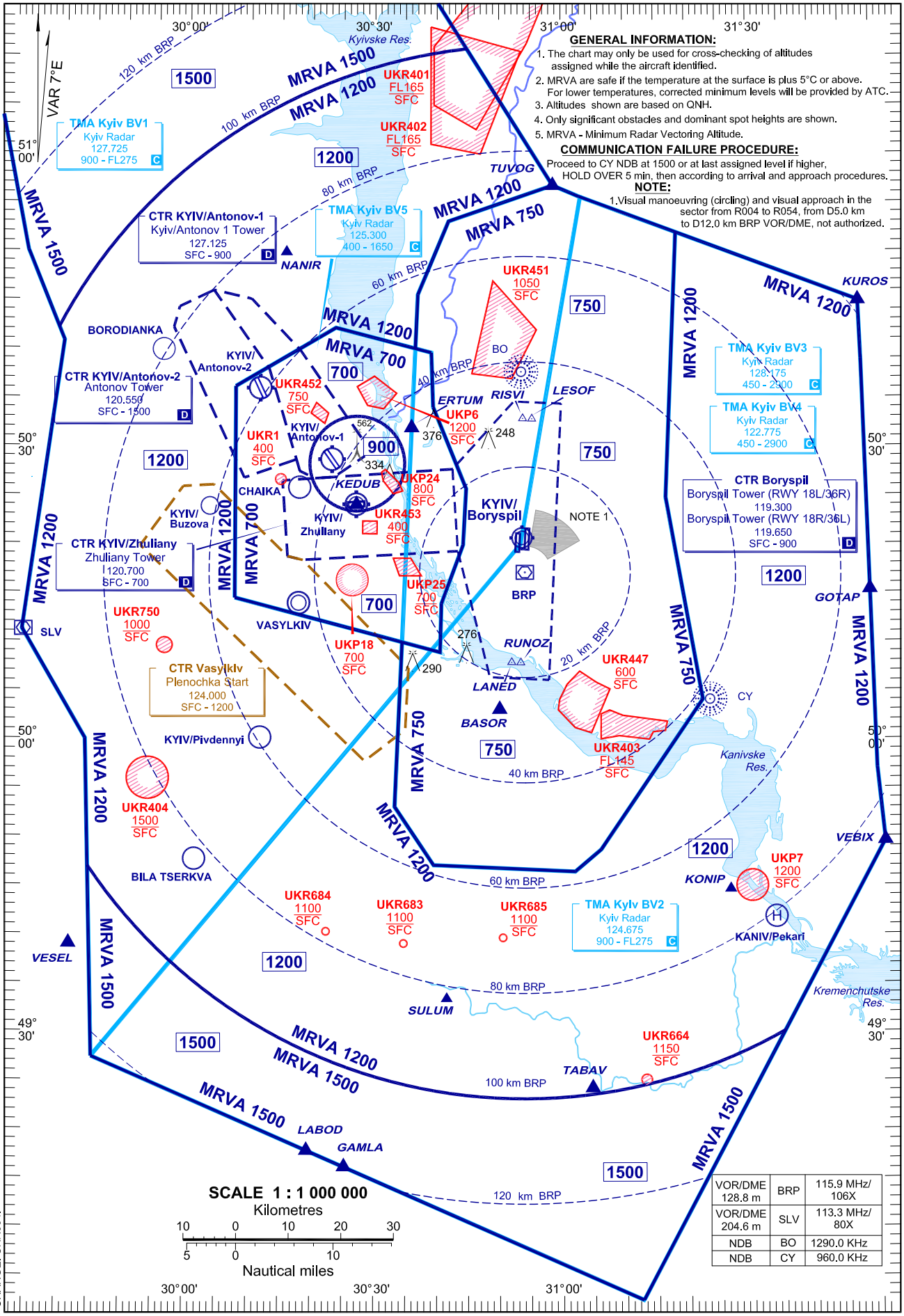
ATC SURVEILLANCE MINIMUM
ALTITUDE CHART-ICAO

TRANSITION LEVEL: by ATC
TRANSITION ALT: 3050

TMA Kyiv



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№	Minimum radar vectoring altitude	Coordinates	
1	1500	512413N	0292254E
		Then along the State border to the point:	
		511911N	0303620E
		511043N	0304449E
		Then along counterclockwise arc radius 100 km centered at point 501709N 0305403E, to point:	
		504206N	0293909E
		505000N	0293400E
		512413N	0292254E

№	Minimum radar vectoring altitude	Coordinates	
2	1500	492724N	0294530E
		494700N	0294436E
		Then along counterclockwise arc radius 100 km centered at point 501709N 0305403E, to point:	
		493009N	0313505E
		490227N	0311234E
		492724N	0294530E

№	Minimum radar vectoring altitude	Coordinates	
3	1200	501111N	0293345E
		504048N	0294000E
		504206N	0293909E
		Then along clockwise arc radius 100 km centered at point 501709N 0305403E, to point:	
		511043N	0304449E
		505647N	0305840E
		505307N	0304150E
		504536N	0303653E
		504006N	0303630E
		504212N	0302342E
		503611N	0300739E
		501430N	0300741E
		501000N	0303426E
		495307N	0303317E
		494708N	0303929E
		494628N	0310157E
		494844N	0310605E
		500406N	0312222E
		502448N	0311638E
		505156N	0311830E
		504454N	0314748E
		503855N	0314810E
		495700N	0315000E
		494934N	0315109E
		493009N	0313505E
		Then along clockwise arc radius 100 km centered at point 501709N 0305403E, to point:	
		494700N	0294436E
		500000N	0294400E
		501111N	0293345E

№	Minimum radar vectoring altitude	Coordinates
4	900	Circle radius 9 km centered at point 502816N 0302712E.

№	Minimum radar vectoring altitude	Coordinates	
5	700	504212N	0302342E
		504006N	0303630E
		503940N	0303904E
		503405N	0303922E
		502544N	0304440E
		501959N	0304411E
		501356N	0304042E
		500858N	0304030E
		501000N	0303426E
		501430N	0300741E
		503611N	0300739E
		504212N	0302342E
		Excluding circle radius 9 km centered at point 502816N 0302712E.	

№	Minimum radar vectoring altitude	Coordinates	
6	750	504536N	0303653E
		505307N	0304150E
		505647N	0305840E
		505535N	0310307E
		505156N	0311830E
		505156N	0311830E
		502448N	0311638E
		500406N	0312222E
		494844N	0310605E
		494628N	0310157E
		494708N	0303929E
		495307N	0303317E
		495307N	0303317E
		501000N	0303426E
		500858N	0304030E
		501356N	0304042E
		501959N	0304411E
		502544N	0304440E
		503405N	0303922E
		503940N	0303904E
		504006N	0303630E
		504536N	0303653E

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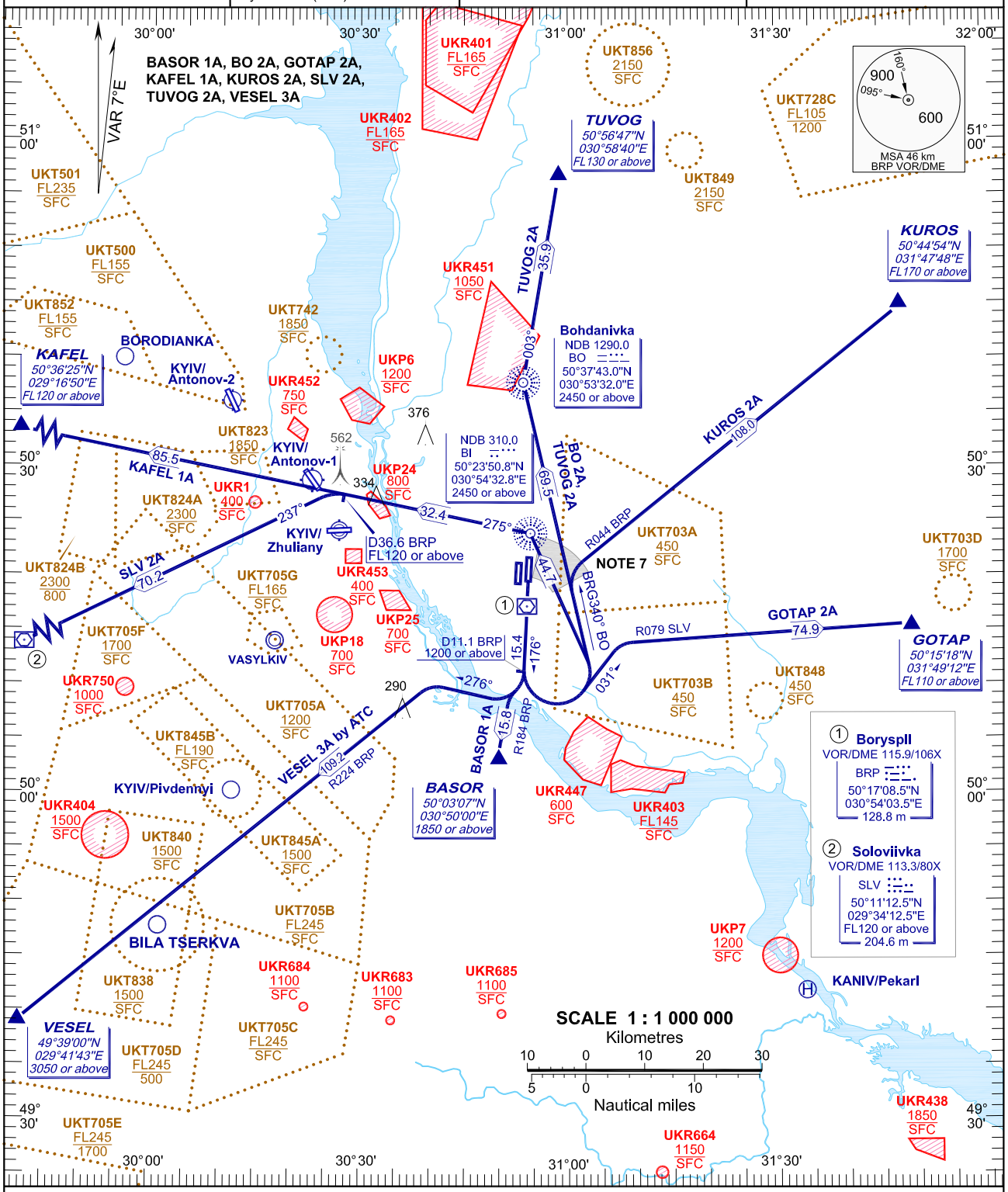
STANDARD DEPARTURE CHART
INSTRUMENT (SID)-ICAO

KYIV/Boryspil
RWY 18L

TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV1) 127.725 Kyiv Radar (BV2) 124.675 Kyiv Radar (BV3) 128.175	Boryspil TWR (18L/36R) 119.300 Boryspil TWR (18R/36L) 119.650	Boryspil ATIS (Eng) 125.950 Boryspil ATIS (Rus) 119.425



NOTE:

1. Statistical data of ACFT performance are used for determination of the average flight path of the SID procedures.
2. Simultaneous departures not authorized.
3. Passing 400 m - contact Kyiv Radar.
4. The initial call to the Kyiv Radar (sector BV3 FREQ 128.175) shall contain only callsign and SID designator (or the point ACFT is flying towards to or heading when radar vectors provided by ATC).
5. Monitor ATIS before request for ATC clearance.
6. If unable to comply SID procedures advise ATC.
7. Visual departure in the sector from R004 to R054, from D5,0 km to D12,0 km BRP VOR/DME below 750 m not authorized.

BEARINGS AND TRACKS ARE MAGNETIC
ALTITUDES, HEIGHTS AND ELEVATIONS ARE IN METRES
DISTANCES ARE IN KILOMETRES

CHANGE: UKR664; NOTE.

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SID RWY18L

Designator	Route	Altitude	Remarks
BASOR 1A BASOR ONE ALPHA	On track 176° to D11,1 BRP DME, then turn RIGHT to intercept R184 BRP VOR to BASOR.	Cross D11,1 BRP DME at 1200 or above, BASOR at 1850 or above.	Simultaneous departures not authorized.
BO 2A Bohdanivka TWO ALPHA	On track 176° to D11,1 BRP DME, then turn LEFT to BO NDB.	Cross D11,1 BRP DME at 1200 or above, BO NDB at 2450 or above.	Simultaneous departures not authorized.
GOTAP 2A GOTAP TWO ALPHA	On track 176° to D11,1 BRP DME, turn LEFT on track 031°, then turn RIGHT to intercept R079 SLV VOR to GOTAP.	Cross D11,1 BRP DME at 1200 or above, GOTAP at FL110 or above.	Simultaneous departures not authorized.
KAFEL 1A KAFEL ONE ALPHA	On track 176° to D11,1 BRP DME, turn LEFT to BI NDB, then turn LEFT on track 275° from BI NDB to KAFEL.	Cross D11,1 BRP DME at 1200 or above, BI NDB at 2450 or above, D36,6 BRP DME at FL120 or above, KAFEL at FL120 or above.	Simultaneous departures not authorized.
KUROS 2A KUROS TWO ALPHA	On track 176° to D11,1 BRP DME, turn LEFT to intercept BRG340° BO NDB, then turn RIGHT to intercept R044 BRP VOR to KUROS.	Cross D11,1 BRP DME at 1200 or above, KUROS at FL170 or above.	Simultaneous departures not authorized.
SLV 2A Soloviivka TWO ALPHA	On track 176° to D11,1 BRP DME, turn LEFT to BI NDB, turn LEFT on track 275° from BI NDB, then turn LEFT on track 237° to SLV VOR/DME.	Cross D11,1 BRP DME at 1200 or above, BI NDB at 2450 or above, D36,6 BRP DME at FL120 or above, SLV VOR/DME at FL120 or above.	Simultaneous departures not authorized.
TUVOG 2A TUVOG TWO ALPHA	On track 176° to D11,1 BRP DME, turn LEFT to BO NDB, then turn RIGHT on track 003° from BO NDB to TUVOG.	Cross D11,1 BRP DME at 1200 or above, BO NDB at 2450 or above, TUVOG at FL130 or above.	Simultaneous departures not authorized.
VESEL 3A VESEL THREE ALPHA	On track 176° to D11,1 BRP DME, turn RIGHT on track 276°, then turn LEFT to intercept R224 BRP VOR to VESEL.	Cross D11,1 BRP DME at 1200 or above, VESEL at 3050 or above.	Simultaneous departures not authorized. By ATC

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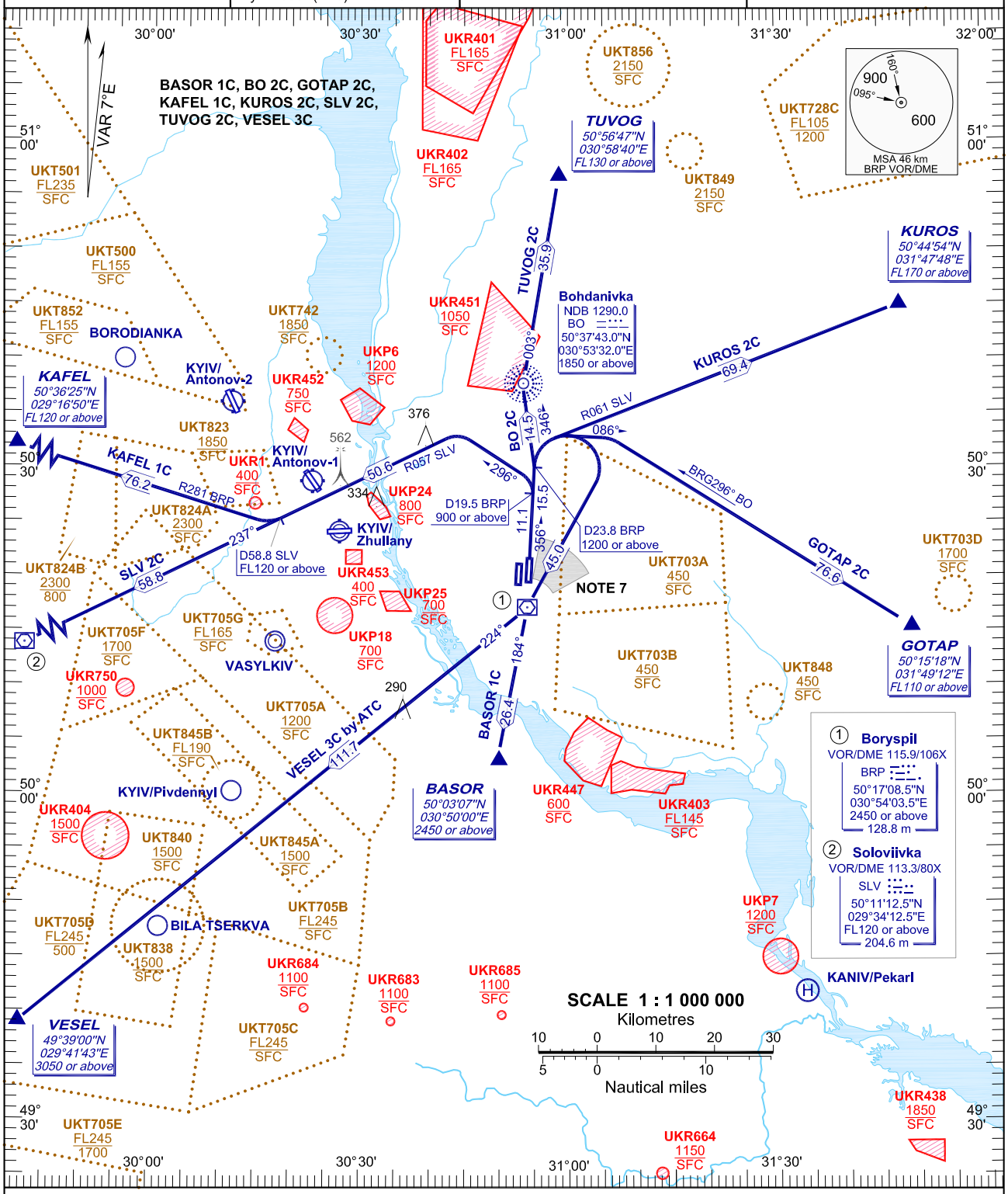
STANDARD DEPARTURE CHART
INSTRUMENT (SID)-ICAO

KYIV/Boryspil
RWY 36R

TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV1) 127.725 Kyiv Radar (BV2) 124.675 Kyiv Radar (BV3) 128.175	Boryspil TWR (18L/36R) 119.300 Boryspil TWR (18R/36L) 119.650	Boryspil ATIS (Eng) 125.950 Boryspil ATIS (Rus) 119.425



NOTE:

1. Statistical data of ACFT performance are used for determination of the average flight path of the SID procedures.
2. Simultaneous departures not authorized.
3. Passing 400 m - contact Kyiv Radar.
4. The initial call to the Kyiv Radar (sector BV3 FREQ 128.175) shall contain only callsign and SID designator (or the point ACFT is flying towards to or heading when radar vectors provided by ATC).
5. Monitor ATIS before request for ATC clearance.
6. If unable to comply SID procedures advise ATC.
7. Visual departure in the sector from R004 to R054, from D5,0 km to D12,0 km BRP VOR/DME below 750 m not authorized.
8. First turn for visual departure below 600 m not authorized.

BEARINGS AND TRACKS ARE MAGNETIC
ALTITUDES, HEIGHTS AND ELEVATIONS ARE IN METRES
DISTANCES ARE IN KILOMETRES

CHANGE: UKR664; NOTE.

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SID RWY36R

Designator	Route	Altitude	Remarks
BASOR 1C BASOR ONE CHARLIE	On track 356° to D23,8 BRP DME, turn RIGHT to BRP VOR/DME, then turn LEFT on track 184° from BRP VOR/DME to BASOR.	Cross D23,8 BRP DME at 1200 or above, BRP VOR/DME at 2450 or above, BASOR at 2450 or above.	Simultaneous departures not authorized.
BO 2C Bohdanivka TWO CHARLIE	On track 356° to D23,8 BRP DME, then turn LEFT on track 346° to BO NDB.	Cross D23,8 BRP DME at 1200 or above, BO NDB at 1850 or above.	Simultaneous departures not authorized.
GOTAP 2C GOTAP TWO CHARLIE	On track 356° to D23,8 BRP DME, turn RIGHT on track 086°, then turn RIGHT to intercept BRG296° BO NDB to GOTAP	Cross D23,8 BRP DME at 1200 or above, GOTAP at FL110 or above.	Simultaneous departures not authorized.
KAFEL 1C KAFEL ONE CHARLIE	On track 356° to D19,5 BRP DME, turn LEFT on track 296°, turn LEFT to intercept R057 SLV VOR, then turn RIGHT to intercept R281 BRP VOR to KAFEL.	Cross D19,5 BRP DME at 900 or above, D58,8 SLV DME at FL120 or above, KAFEL at FL120 or above.	Simultaneous departures not authorized.
KUROS 2C KUROS TWO CHARLIE	On track 356° to D23,8 BRP DME, then turn RIGHT to intercept R061 SLV VOR to KUROS .	Cross D23,8 BRP DME at 1200 or above, KUROS at FL170 or above.	Simultaneous departures not authorized.
SLV 2C Soloviivka TWO CHARLIE	On track 356° to D19,5 BRP DME, turn LEFT on track 296°, then turn LEFT on track 237° to SLV VOR/DME.	Cross D19,5 BRP DME at 900 or above, D58,8 SLV DME at FL120 or above, SLV VOR/DME at FL120 or above.	Simultaneous departures not authorized.
TUVOG 2C TUVOG TWO CHARLIE	On track 356° to D23,8 BRP DME, turn LEFT on track 346° to BO NDB, then turn RIGHT on track 003° from BO NDB to TUVOG.	Cross D23,8 BRP DME at 1200 or above, BO NDB at 1850 or above, TUVOG at FL130 or above.	Simultaneous departures not authorized.
VESEL 3C VESEL THREE CHARLIE	On track 356° to D23,8 BRP DME, turn RIGHT to BRP VOR/DME, then turn RIGHT on track 224° from BRP VOR/DME to VESEL.	Cross D23,8 BRP DME at 1200 or above, BRP VOR/DME at 2450 or above, VESEL at 3050 or above.	Simultaneous departures not authorized. By ATC.

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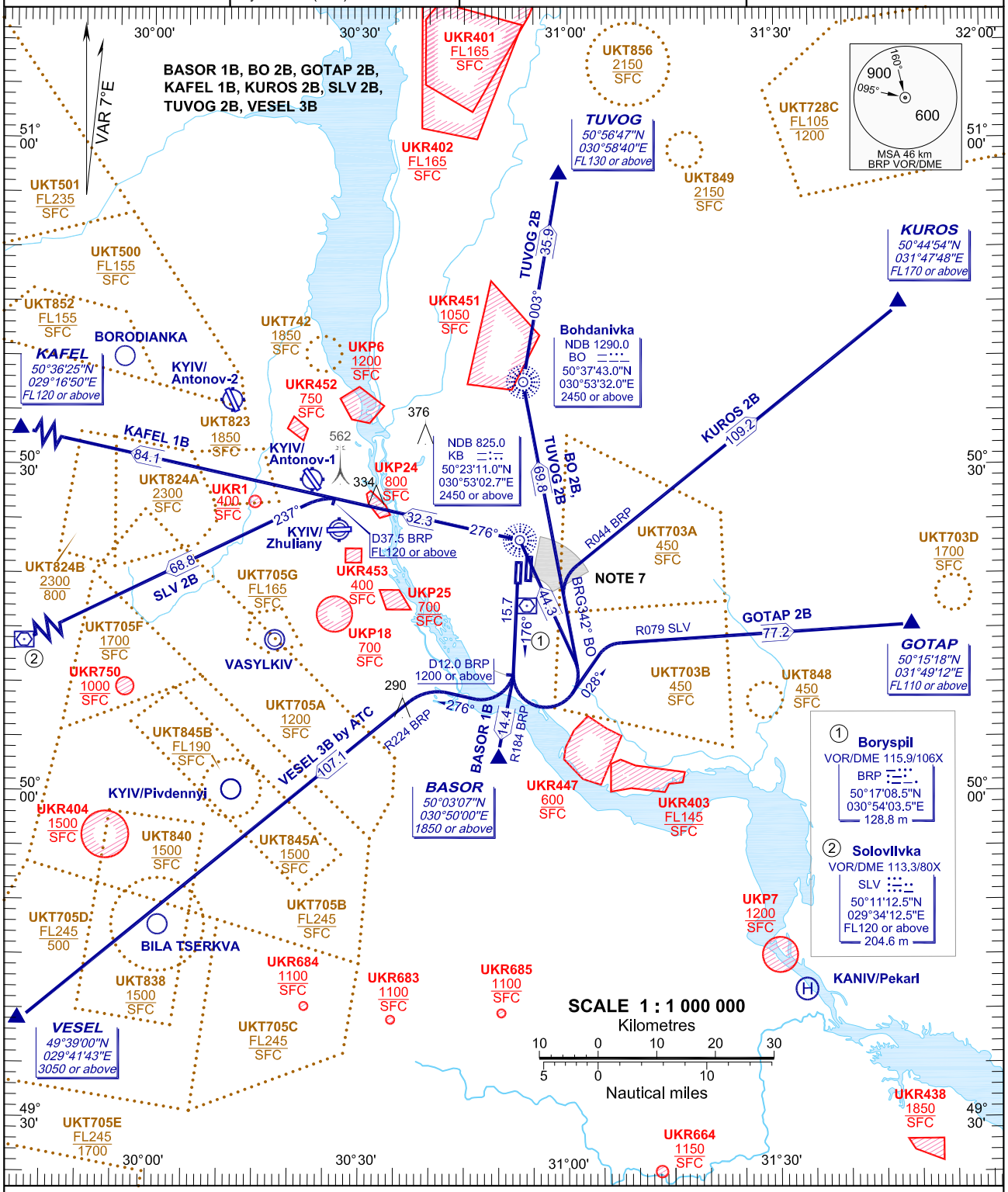
STANDARD DEPARTURE CHART
INSTRUMENT (SID)-ICAO

KYIV/Boryspil
RWY 18R

TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV1) 127.725 Kyiv Radar (BV2) 124.675 Kyiv Radar (BV3) 128.175	Boryspil TWR (18L/36R) 119.300 Boryspil TWR (18R/36L) 119.650	Boryspil ATIS (Eng) 125.950 Boryspil ATIS (Rus) 119.425



NOTE:

1. Statistical data of ACFT performance are used for determination of the average flight path of the SID procedures.
2. Simultaneous departures not authorized.
3. Passing 400 m - contact Kyiv Radar.
4. The initial call to the Kyiv Radar (sector BV3 FREQ 128.175) shall contain only callsign and SID designator (or the point ACFT is flying towards to or heading when radar vectors provided by ATC).
5. Monitor ATIS before request for ATC clearance.
6. If unable to comply SID procedures advise ATC.
7. Visual departure in the sector from R004 to R054, from D5,0 km to D12,0 km BRP VOR/DME below 750 m not authorized.

BEARINGS AND TRACKS ARE MAGNETIC
ALTITUDES, HEIGHTS AND ELEVATIONS ARE IN METRES
DISTANCES ARE IN KILOMETRES

CHANGE: UKR664; NOTE.

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SID RWY18R

Designator	Route	Altitude	Remarks
BASOR 1B BASOR ONE BRAVO	On track 176° to D12,0 BRP DME, then turn RIGHT to intercept R184 BRP VOR to BASOR.	Cross D12,0 BRP DME at 1200 or above, BASOR at 1850 or above.	Simultaneous departures not authorized.
BO 2B Bohdanivka TWO BRAVO	On track 176° to D12,0 BRP DME, then turn LEFT to BO NDB.	Cross D12,0 BRP DME at 1200 or above, BO NDB at 2450 or above.	Simultaneous departures not authorized.
GOTAP 2B GOTAP TWO BRAVO	On track 176° to D12,0 BRP DME, turn LEFT on track 028°, then turn RIGHT to intercept R079 SLV VOR to GOTAP.	Cross D12,0 BRP DME at 1200 or above, GOTAP at FL110 or above.	Simultaneous departures not authorized.
KAFEL 1B KAFEL ONE BRAVO	On track 176° to D12,0 BRP DME, turn LEFT to KB NDB, then turn LEFT on track 276° from KB NDB to KAFEL.	Cross D12,0 BRP DME at 1200 or above, KB NDB at 2450 or above, D37,5 BRP DME at FL120 or above, KAFEL at FL120 or above.	Simultaneous departures not authorized.
KUROS 2B KUROS TWO BRAVO	On track 176° to D12,0 BRP DME, turn LEFT to intercept BRG342° BO NDB, then turn RIGHT to intercept R044 BRP VOR to KUROS.	Cross D12,0 BRP DME at 1200 or above, KUROS at FL170 or above.	Simultaneous departures not authorized.
SLV 2B Soloviivka TWO BRAVO	On track 176° to D12,0 BRP DME, turn LEFT to KB NDB, turn LEFT on track 276° from KB NDB, then turn LEFT on track 237° to SLV VOR/DME.	Cross D12,0 BRP DME at 1200 or above, KB NDB at 2450 or above, D37,5 BRP DME at FL120 or above, SLV VOR/DME at FL120 or above.	Simultaneous departures not authorized.
TUVOG 2B TUVOG TWO BRAVO	On track 176° to D12,0 BRP DME, turn LEFT to BO NDB, then turn RIGHT on track 003° from BO NDB to TUVOG.	Cross D12,0 BRP DME at 1200 or above, BO NDB at 2450 or above, TUVOG at FL130 or above.	Simultaneous departures not authorized.
VESEL 3B VESEL THREE BRAVO	On track 176° to D12,0 BRP DME, turn RIGHT on track 276°, then turn LEFT to intercept R224 BRP VOR to VESEL.	Cross D12,0 BRP DME at 1200 or above, VESEL at 3050 or above.	Simultaneous departures not authorized. By ATC.

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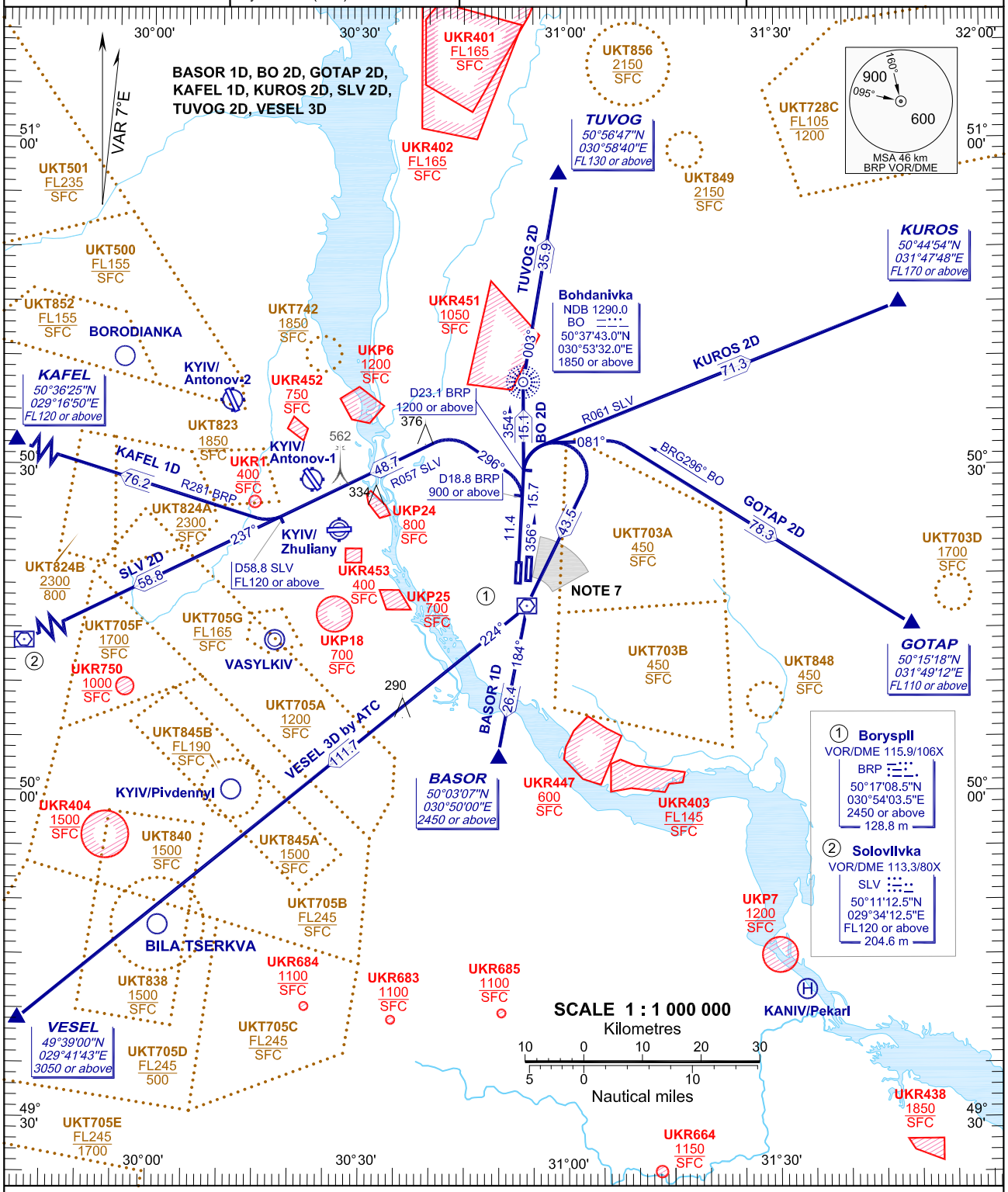
STANDARD DEPARTURE CHART
INSTRUMENT (SID)-ICAO

KYIV/Boryspil
RWY 36L

TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV1) 127.725 Kyiv Radar (BV2) 124.675 Kyiv Radar (BV3) 128.175	Boryspil TWR (18L/36R) 119.300 Boryspil TWR (18R/36L) 119.650	Boryspil ATIS (Eng) 125.950 Boryspil ATIS (Rus) 119.425



NOTE:

1. Statistical data of ACFT performance are used for determination of the average flight path of the SID procedures.
2. Simultaneous departures not authorized.
3. Passing 400 m - contact Kyiv Radar.
4. The initial call to the Kyiv Radar (sector BV3 FREQ 128.175) shall contain only callsign and SID designator (or the point ACFT is flying towards to or heading when radar vectors provided by ATC).
5. Monitor ATIS before request for ATC clearance.
6. If unable to comply SID procedures advise ATC.
7. Visual departure in the sector from R004 to R054, from D5,0 km to D12,0 km BRP VOR/DME below 750 m not authorized.
8. First turn for visual departure below 600 m not authorized.

BEARINGS AND TRACKS ARE MAGNETIC

ALTITUDES, HEIGHTS AND ELEVATIONS ARE IN METRES

DISTANCES ARE IN KILOMETRES

CHANGE: UKR664; NOTE.

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SID RWY36L

Designator	Route	Altitude	Remarks
BASOR 1D BASOR ONE DELTA	On track 356° to D23,1 BRP DME, turn RIGHT to BRP VOR/DME, then turn LEFT on track 184° from BRP VOR/DME to BASOR.	Cross D23,1 BRP DME at 1200 or above, BRP VOR/DME at 2450 or above, BASOR at 2450 or above.	Simultaneous departures not authorized.
BO 2D Bohdanivka TWO DELTA	On track 356° to D23,1 BRP DME, then turn LEFT on track 354° to BO NDB.	Cross D23,1 BRP DME at 1200 or above, BO NDB at 1850 or above.	Simultaneous departures not authorized.
GOTAP 2D GOTAP TWO DELTA	On track 356° to D23,1 BRP DME, turn RIGHT on track 081°, then turn RIGHT to intercept BRG296° BO NDB to GOTAP.	Cross D23,1 BRP DME at 1200 or above, GOTAP at FL110 or above.	Simultaneous departures not authorized.
KAFEL 1D KAFEL ONE DELTA	On track 356° to D18,8 BRP DME, turn LEFT on track 296°, turn LEFT to intercept R057° SLV VOR, then turn RIGHT to intercept R281 BRP VOR to KAFEL.	Cross D18,8 BRP DME at 900 or above, D58,8 SLV DME at FL120 or above, KAFEL at FL120 or above.	Simultaneous departures not authorized.
KUROS 2D KUROS TWO DELTA	On track 356° to D23,1 BRP DME, then turn RIGHT to intercept R061 SLV VOR to KUROS.	Cross D23,1 BRP DME at 1200 or above, KUROS at FL170 or above.	Simultaneous departures not authorized.
SLV 2D Soloviivka TWO DELTA	On track 356° to D18,8 BRP DME, turn LEFT on track 296°, then turn LEFT on track 237° to SLV VOR/DME.	Cross D18,8 BRP DME at 900 or above, D58,8 SLV DME at FL120 or above, SLV VOR/DME at FL120 or above.	Simultaneous departures not authorized.
TUVOG 2D TUVOG TWO DELTA	On track 356° to D23,1 BRP DME, turn LEFT on track 354° to BO NDB, then turn RIGHT on track 003° from BO NDB to TUVOG.	Cross D23,1 BRP DME at 1200 or above, BO NDB at 1850 or above, TUVOG at FL130 or above.	Simultaneous departures not authorized.
VESEL 3D VESEL THREE DELTA	On track 356° to D23,1 BRP DME, turn RIGHT to BRP VOR/DME, then turn RIGHT on track 224° from BRP VOR/DME to VESEL.	Cross D23,1 BRP DME at 1200 or above, BRP VOR/DME at 2450 or above, VESEL at 3050 or above.	Simultaneous departures not authorized. By ATC.

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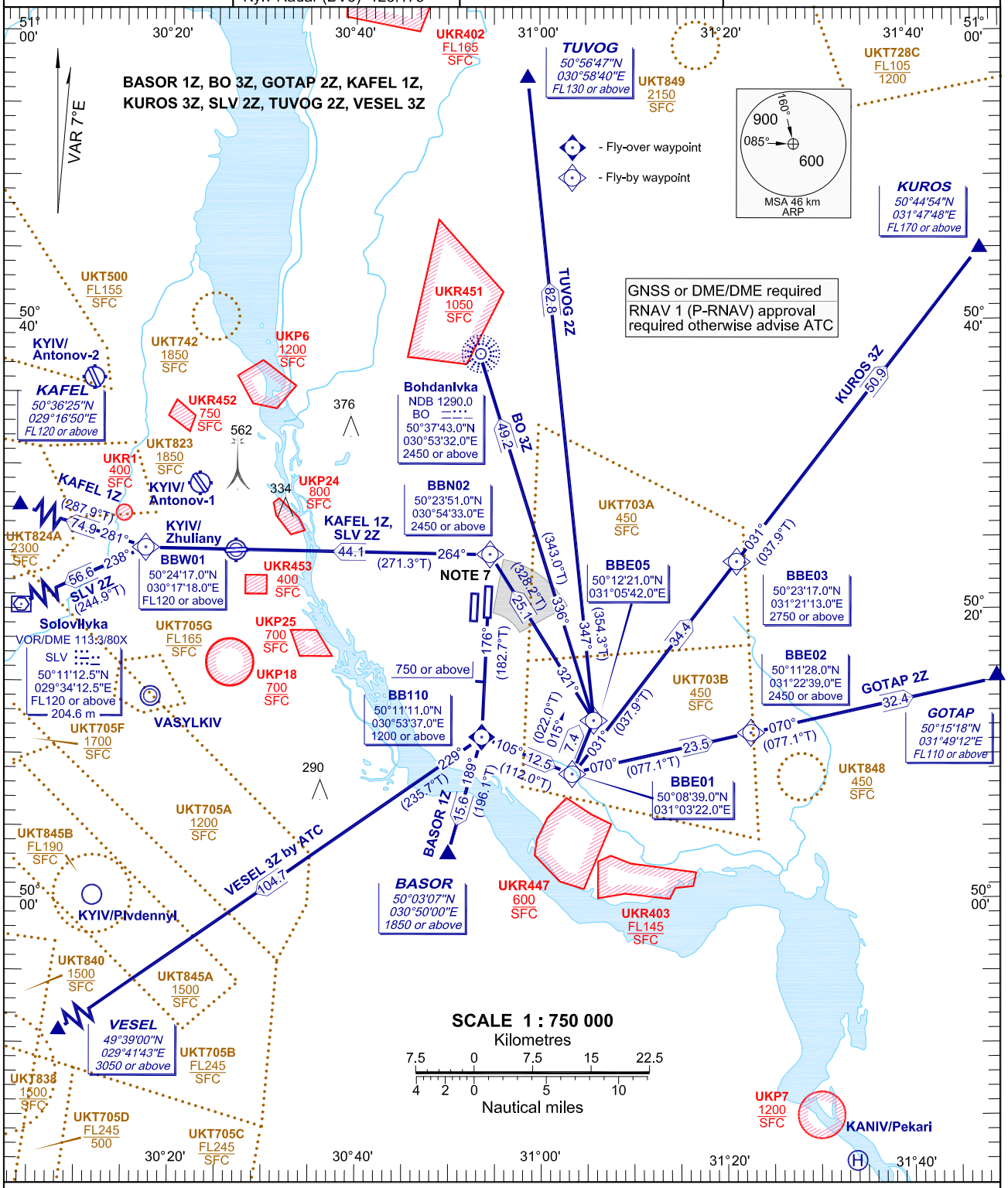
STANDARD DEPARTURE CHART
INSTRUMENT (SID)-ICAO

KYIV/Boryspil
RNAV (GNSS, DME/DME) RWY 18L

TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV1) 127.725 Kyiv Radar (BV2) 124.675 Kyiv Radar (BV3) 128.175	Boryspil TWR (18L/36R) 119.300 Boryspil TWR (18R/36L) 119.650	Boryspil ATIS (Eng) 125.950 Boryspil ATIS (Rus) 119.425



NOTE:

1. Minimum climb gradient 7% up to 1200 m.
2. SID`s BASOR 1Z, VESEL 3Z not authorized for simultaneous departures.
3. Passing 400 m - contact Kyiv Radar.
4. The initial call to the Kyiv Radar (sector BV3 FREQ 128.175) shall contain only callsign and SID designator (or the point ACFT is flying towards to or heading when radar vectors provided by ATC).
5. Monitor ATIS before request for ATC clearance.
6. If unable to comply SID procedures advise ATC.
7. Visual departure in the sector from R004 to R054, from D5,0 km to D12,0 km BRP VOR/DME below 750 m not authorized.

CHANGE: NOTE.

BEARINGS AND TRACKS ARE MAGNETIC,
ALTITUDES, HEIGHTS AND ELEVATIONS ARE IN METRES,
DISTANCES ARE IN KILOMETRES

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INSTRUMENT DEPARTURE **RNAV RWY 18L**

BASOR 1Z (BASOR ONE ZULU)
NOTE: Simultaneous departures not authorized.

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	176 (182,7)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB110	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BASOR	N	189 (196,1)	15.6	-	+1850	-	RNAV-1 (P-RNAV)

BO 3Z (Bohdanivka THREE ZULU)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	176 (182,7)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB110	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBE01	N	105 (112,0)	12.5	-	-	-	RNAV-1 (P-RNAV)
TF	BBE05	N	015 (022,0)	7.4	-	-	-	RNAV-1 (P-RNAV)
TF	BO	N	336 (343,0)	49.2	-	+2450	-	RNAV-1 (P-RNAV)

GOTAP 2Z (GOTAP TWO ZULU)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	176 (182,7)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB110	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBE01	N	105 (112,0)	12.5	-	-	-	RNAV-1 (P-RNAV)
TF	BBE02	N	070 (077,1)	23.5	-	+2450	-	RNAV-1 (P-RNAV)
TF	GOTAP	N	070 (077,1)	32.4	-	+FL110	-	RNAV-1 (P-RNAV)

KAFEL 1Z (KAFEL ONE ZULU)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	176 (182,7)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB110	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBE01	N	105 (112,0)	12.5	-	-	-	RNAV-1 (P-RNAV)
TF	BBE05	N	015 (022,0)	7.4	-	-	-	RNAV-1 (P-RNAV)
TF	BBN02	N	321 (328,2)	25.1	-	+2450	-	RNAV-1 (P-RNAV)
TF	BBW01	N	264 (271,3)	44.1	-	+FL120	-	RNAV-1 (P-RNAV)
TF	KAFEL	N	281 (287,9)	74.9	-	+FL120	-	RNAV-1 (P-RNAV)

KUROS 3Z (KUROS THREE ZULU)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	176 (182,7)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB110	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBE01	N	105 (112,0)	12.5	-	-	-	RNAV-1 (P-RNAV)
TF	BBE03	N	031 (037,9)	34.4	-	+2750	-	RNAV-1 (P-RNAV)
TF	KUROS	N	031 (037,9)	50.9	-	+FL170	-	RNAV-1 (P-RNAV)

SLV 2Z (Soloviivka TWO ZULU)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	176 (182,7)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB110	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBE01	N	105 (112,0)	12.5	-	-	-	RNAV-1 (P-RNAV)
TF	BBE05	N	015 (022,0)	7.4	-	-	-	RNAV-1 (P-RNAV)
TF	BBN02	N	321 (328,2)	25.1	-	+2450	-	RNAV-1 (P-RNAV)
TF	BBW01	N	264 (271,3)	44.1	-	+FL120	-	RNAV-1 (P-RNAV)
TF	SLV	N	238 (244,9)	56.6	-	+FL120	-	RNAV-1 (P-RNAV)

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TUVOG 2Z (TUVOG TWO ZULU)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	176 (182,7)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB110	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBE01	N	105 (112,0)	12.5	-	-	-	RNAV-1 (P-RNAV)
TF	BBE05	N	015 (022,0)	7.4	-	-	-	RNAV-1 (P-RNAV)
TF	TUVOG	N	347 (354,3)	82.8	-	+FL130	-	RNAV-1 (P-RNAV)

VESEL 3Z (VESEL THREE ZULU)

NOTE: Simultaneous departures not authorized. By ATC.

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	176 (182,7)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB110	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	VESEL	N	229 (235,7)	104.7	-	+3050	-	RNAV-1 (P-RNAV)

WAYPOINTS		
Waypoint name	***Coordinates***	
BB110	501111,0N	0305337,0E
BBE01	500839,0N	0310322,0E
BBE02	501128,0N	0312239,0E
BBE03	502317,0N	0312113,0E
BBE05	501221,0N	0310542,0E
BBN02	502351,0N	0305433,0E
BBW01	502417,0N	0301718,0E
BO	503743,0N	0305332,0E
SLV	501112,5N	0293412,5E
BASOR	500307N	0305000E
GOTAP	501518N	0314912E
KAFEL	503625N	0291650E
KUROS	504454N	0314748E
TUVOG	505647N	0305840E
VESEL	493900N	0294143E

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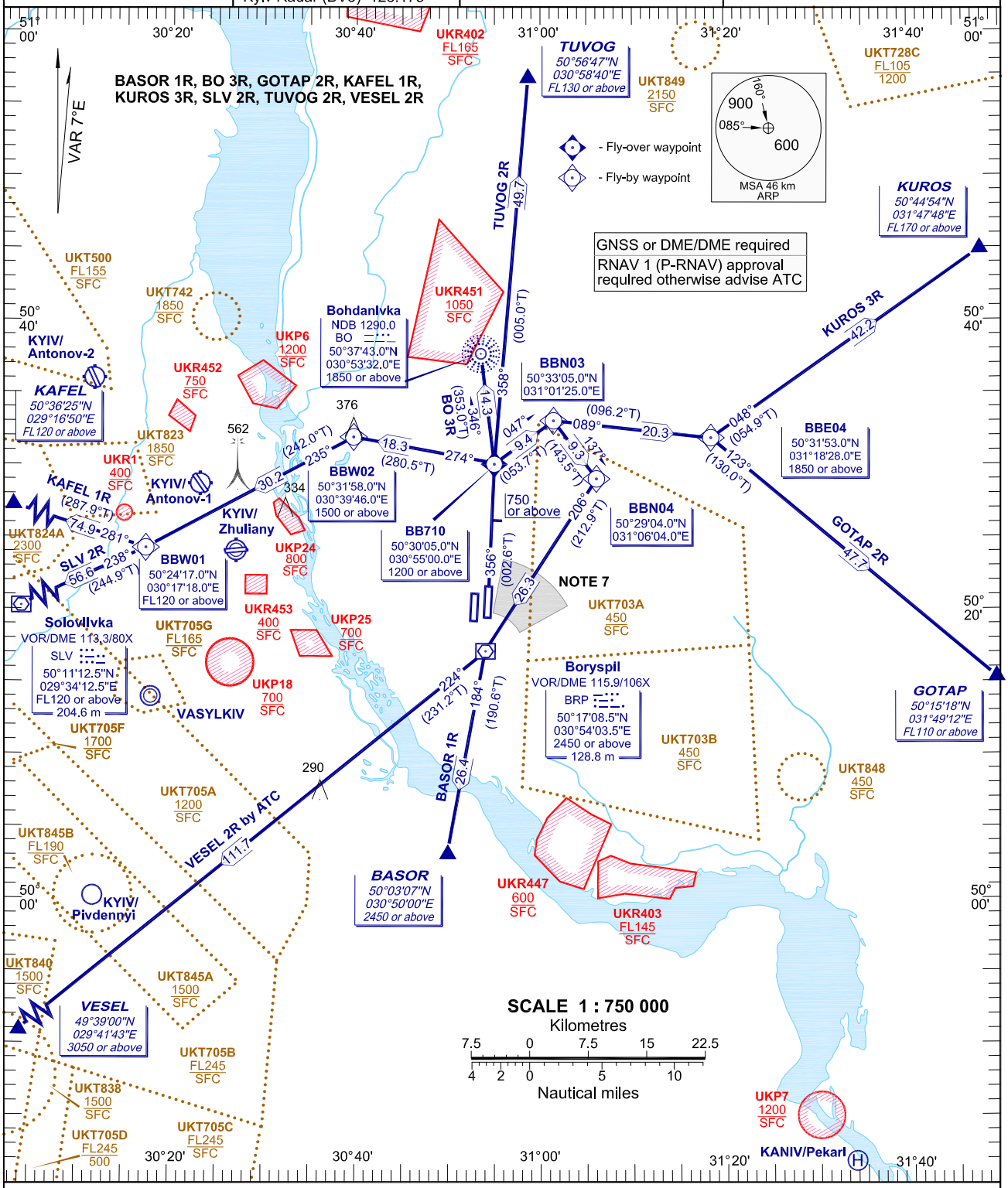
STANDARD DEPARTURE CHART
INSTRUMENT (SID)-ICAO

KYIV/Boryspil
RNAV(GNSS, DME/DME)RWY 36R

TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV1) 127.725 Kyiv Radar (BV2) 124.675 Kyiv Radar (BV3) 128.175	Boryspil TWR (18L/36R) 119.300 Boryspil TWR (18R/36L) 119.650	Boryspil ATIS (Eng) 125.950 Boryspil ATIS (Rus) 119.425



NOTE:

1. Minimum climb gradient 7% up to 1200 m.
2. SID`s KAFEL 1R, SLV 2R not authorized for simultaneous departures.
3. Passing 400 m - contact Kyiv Radar.
4. The initial call to the Kyiv Radar (sector BV3 FREQ 128.175) shall contain only callsign and SID designator (or the point ACFT is flying towards to or heading when radar vectors provided by ATC).
5. Monitor ATIS before request for ATC clearance.
6. If unable to comply SID procedures advise ATC.
7. Visual departure in the sector from R004 to R054, from D5,0 km to D12,0 km BRP VOR/DME below 750 m not authorized.
8. First turn for visual departure below 600 m not authorized.

BEARINGS AND TRACKS ARE MAGNETIC,
ALTITUDES, HEIGHTS AND ELEVATIONS ARE IN METRES,
DISTANCES ARE IN KILOMETRES

CHANGE: NOTE.

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INSTRUMENT DEPARTURE **RNAV RWY 36R**

BASOR 1R (BASOR ONE ROMEO)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	356 (002,6)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB710	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBN03	N	047 (053,7)	9.4	-	-	-	RNAV-1 (P-RNAV)
TF	BBN04	N	137 (143,5)	9.3	-	-	-	RNAV-1 (P-RNAV)
TF	BRP	N	206 (212,9)	26.3	-	+2450	-	RNAV-1 (P-RNAV)
TF	BASOR	N	184 (190,6)	26.4	-	+2450	-	RNAV-1 (P-RNAV)

BO 3R (Bohdanivka THREE ROMEO)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	356 (002,6)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB710	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BO	N	346 (353,0)	14.3	-	+1850	-	RNAV-1 (P-RNAV)

GOTAP 2R (GOTAP TWO ROMEO)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	356 (002,6)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB710	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBN03	N	047 (053,7)	9.4	-	-	-	RNAV-1 (P-RNAV)
TF	BBE04	N	089 (096,2)	20.3	-	+1850	-	RNAV-1 (P-RNAV)
TF	GOTAP	N	123 (130,0)	47.7	-	+FL110	-	RNAV-1 (P-RNAV)

KAFEL 1R (KAFEL ONE ROMEO)

NOTE: Simultaneous departures not authorized.

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	356 (002,6)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB710	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBW02	N	274 (281,1)	183	-	+1500	-	RNAV-1 (P-RNAV)
TF	BBW01	N	235 (242,0)	30.2	-	+FL120	-	RNAV-1 (P-RNAV)
TF	KAFEL	N	281 (287,9)	74.9	-	+FL120	-	RNAV-1 (P-RNAV)

KUROS 3R (KUROS THREE ROMEO)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	356 (002,6)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB710	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBN03	N	047 (053,7)	9.4	-	-	-	RNAV-1 (P-RNAV)
TF	BBE04	N	089 (096,2)	20.3	-	+1850	-	RNAV-1 (P-RNAV)
TF	KUROS	N	048 (054,9)	42.2	-	+FL170	-	RNAV-1 (P-RNAV)

SLV 2R (Soloviivka TWO ROMEO)

NOTE: Simultaneous departures not authorized.

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	356 (002,6)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB710	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBW02	N	274 (281,1)	18.3	-	+1500	-	RNAV-1 (P-RNAV)
TF	BBW01	N	235 (242,0)	30.2	-	+FL120	-	RNAV-1 (P-RNAV)
TF	SLV	N	238 (244,9)	56.6	-	+FL120	-	RNAV-1 (P-RNAV)

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TUVOG 2R (TUVOG TWO ROMEO)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	356 (002,6)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB710	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	TUVOG	N	358 (005,0)	49.7	-	+FL130	-	RNAV-1 (P-RNAV)

VESEL 2R (VESEL TWO ROMEO)
NOTE: By ATC.

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	356 (002,6)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB710	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBN03	N	047 (053,7)	9.4	-	-	-	RNAV-1 (P-RNAV)
TF	BBN04	N	137 (143,5)	9.3	-	-	-	RNAV-1 (P-RNAV)
TF	BRP	N	206 (212,9)	26.3	-	+2450	-	RNAV-1 (P-RNAV)
TF	VESEL	N	224 (231,2)	111.7	-	+3050	-	RNAV-1 (P-RNAV)

WAYPOINTS		
Waypoint name	*Coordinates*	
BB710	503005,0N	0305500,0E
BBE04	503153,0N	0311828,0E
BBN03	503305,0N	0310125,0E
BBN04	502904,0N	0310604,0E
BBW01	502417,0N	0301718,0E
BBW02	503158,0N	0303946,0E
BO	503743,0N	0305332,0E
BRP	501708,5N	0305403,5E
SLV	501112,5N	0293412,5E
BASOR	500307N	0305000E
GOTAP	501518N	0314912E
KAFEL	503625N	0291650E
KUROS	504454N	0314748E
TUVOG	505647N	0305840E
VESEL	493900N	0294143E

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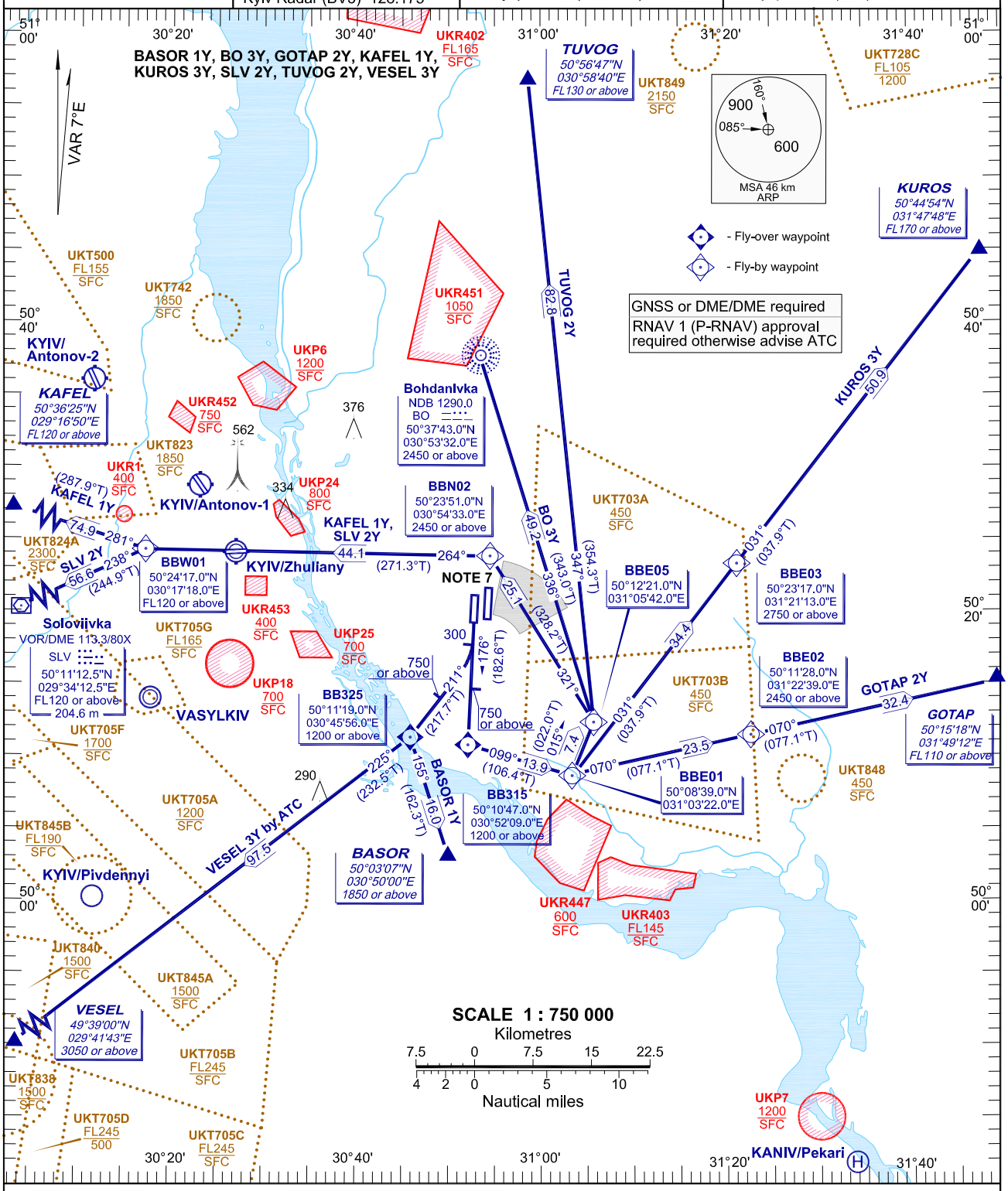
STANDARD DEPARTURE CHART
INSTRUMENT (SID)-ICAO

KYIV/Boryspil
RNAV(GNSS, DME/DME) RWY 18R

TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV1) 127.725 Kyiv Radar (BV2) 124.675 Kyiv Radar (BV3) 128.175	Boryspil TWR (18L/36R) 119.300 Boryspil TWR (18R/36L) 119.650	Boryspil ATIS (Eng) 125.950 Boryspil ATIS (Rus) 119.425



NOTE:

1. Minimum climb gradient 7% up to 1200 m.
2. SID`s BO 3Y, GOTAP 2Y, KAFEL 1Y, KUROS 3Y, SLV 2Y, TUVOG 2Y not authorized for simultaneous departures.
3. Passing 400 m - contact Kyiv Radar.
4. The initial call to the Kyiv Radar (sector BV3 FREQ 128.175) shall contain only callsign and SID designator (or the point ACFT is flying towards to or heading when radar vectors provided by ATC).
5. Monitor ATIS before request for ATC clearance.
6. If unable to comply SID procedures advise ATC.
7. Visual departure in the sector from R004 to R054, from D5,0 km to D12,0 km BRP VOR/DME below 750 m not authorized.

BEARINGS AND TRACKS ARE MAGNETIC,
ALTITUDES, HEIGHTS AND ELEVATIONS ARE IN METRES,
DISTANCES ARE IN KILOMETRES

CHANGE: NOTE.

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INSTRUMENT DEPARTURE **RNAV RWY 18R**

BASOR 1Y (BASOR ONE YANKEE)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	176 (182,6)	-	-	300	-	RNAV-1 (P-RNAV)
CA	-	-	211 (217,7)	-	R	+750	-	RNAV-1 (P-RNAV)
DF	BB325	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BASOR	N	155 (162,3)	16.0	-	+1850	-	RNAV-1 (P-RNAV)

BO 3Y (Bohdanivka THREE YANKEE)

NOTE: Simultaneous departures not authorized.

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	176 (182,6)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB315	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBE01	N	099 (106,4)	13.9	-	-	-	RNAV-1 (P-RNAV)
TF	BBE05	N	015 (022,0)	7.4	-	-	-	RNAV-1 (P-RNAV)
TF	BO	N	336 (343,0)	49.2	-	+2450	-	RNAV-1 (P-RNAV)

GOTAP 2Y (GOTAP TWO YANKEE)

NOTE: Simultaneous departures not authorized.

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	176 (182,6)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB315	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBE01	N	099 (106,4)	13.9	-	-	-	RNAV-1 (P-RNAV)
TF	BBE02	N	070 (077,1)	23.5	-	+2450	-	RNAV-1 (P-RNAV)
TF	GOTAP	N	070 (077,1)	32.4	-	+FL110	-	RNAV-1 (P-RNAV)

KAFEL 1Y (KAFEL ONE YANKEE)

NOTE: Simultaneous departures not authorized.

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	176 (182,6)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB315	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBE01	N	099 (106,4)	13.9	-	-	-	RNAV-1 (P-RNAV)
TF	BBE05	N	015 (022,0)	7.4	-	-	-	RNAV-1 (P-RNAV)
TF	BBN02	N	321 (328,2)	25.1	-	+2450	-	RNAV-1 (P-RNAV)
TF	BBW01	N	264 (271,3)	44.1	-	+FL120	-	RNAV-1 (P-RNAV)
TF	KAFEL	N	281 (287,9)	74.9	-	+FL120	-	RNAV-1 (P-RNAV)

KUROS 3Y (KUROS THREE YANKEE)

NOTE: Simultaneous departures not authorized.

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	176 (182,6)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB315	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBE01	N	099 (106,4)	13.9	-	-	-	RNAV-1 (P-RNAV)
TF	BBE03	N	031 (037,9)	34.4	-	+2750	-	RNAV-1 (P-RNAV)
TF	KUROS	N	031 (037,9)	50.9	-	+FL170	-	RNAV-1 (P-RNAV)

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SLV 2Y (Soloviivka TWO YANKEE)
NOTE: Simultaneous departures not authorized.

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	176 (182,6)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB315	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBE01	N	099 (106,4)	13.9	-	-	-	RNAV-1 (P-RNAV)
TF	BBE05	N	015 (022,0)	7.4	-	-	-	RNAV-1 (P-RNAV)
TF	BBN02	N	321 (328,2)	25.1	-	+2450	-	RNAV-1 (P-RNAV)
TF	BBW01	N	264 (271,3)	44.1	-	+FL120	-	RNAV-1 (P-RNAV)
TF	SLV	N	238 (244,9)	56.6	-	+FL120	-	RNAV-1 (P-RNAV)

TUVOG 2Y (TUVOG TWO YANKEE)
NOTE: Simultaneous departures not authorized.

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	176 (182,6)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB315	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBE01	N	099 (106,4)	13.9	-	-	-	RNAV-1 (P-RNAV)
TF	BBE05	N	015 (022,0)	7.4	-	-	-	RNAV-1 (P-RNAV)
TF	TUVOG	N	347 (354,3)	82.8	-	+FL130	-	RNAV-1 (P-RNAV)

VESEL 3Y (VESEL THREE YANKEE)
NOTE: By ATC.

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	176 (182,6)	-	-	300	-	RNAV-1 (P-RNAV)
CA	-	-	211 (217,7)	-	R	+750	-	RNAV-1 (P-RNAV)
DF	BB325	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	VESEL	N	225 (232,5)	97.5	-	+3050	-	RNAV-1 (P-RNAV)

WAYPOINTS		
Waypoint name	*Coordinates*	
BB315	501047,0N	0305209,0E
BB325	501119,0N	0304556,0E
BBE01	500839,0N	0310322,0E
BBE02	501128,0N	0312239,0E
BBE03	502317,0N	0312113,0E
BBE05	501221,0N	0310542,0E
BBN02	502351,0N	0305433,0E
BBW01	502417,0N	0301718,0E
BO	503743,0N	0305332,0E
SLV	501112,5N	0293412,5E
BASOR	500307N	0305000E
GOTAP	501518N	0314912E
KAFEL	503625N	0291650E
KUROS	504454N	0314748E
TUVOG	505647N	0305840E
VESEL	493900N	0294143E

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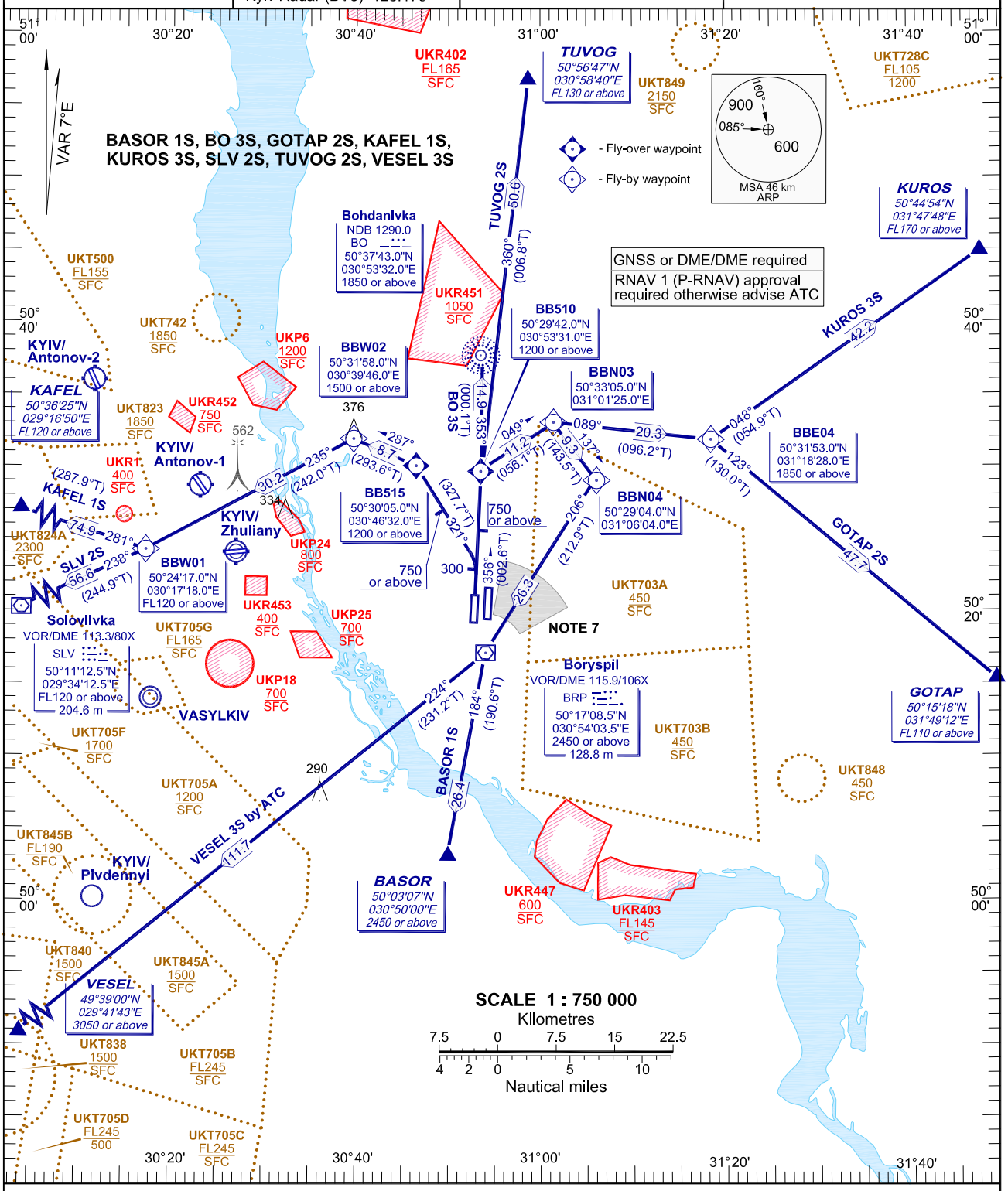
STANDARD DEPARTURE CHART
INSTRUMENT (SID)-ICAO

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

TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV1) 127.725 Kyiv Radar (BV2) 124.675 Kyiv Radar (BV3) 128.175	Boryspil TWR (18L/36R) 119.300 Boryspil TWR (18R/36L) 119.650	Boryspil ATIS (Eng) 125.950 Boryspil ATIS (Rus) 119.425



NOTE:

1. Minimum climb gradient 7% up to 1200 m.
2. SID`s BASOR 1S, BO 3S, GOTAP 2S, TUVOG 2S, KUROS 3S, VESEL 3S not authorized for simultaneous departures.
3. Passing 400 m - contact Kyiv Radar.
4. The initial call to the Kyiv Radar (sector BV3 FREQ 128.175) shall contain only callsign and SID designator (or the point ACFT is flying towards to or heading when radar vectors provided by ATC).
5. Monitor ATIS before request for ATC clearance.
6. If unable to comply SID procedures advise ATC.
7. Visual departure in the sector from R004 to R054, from D5,0 km to D12,0 km BRP VOR/DME below 750 m not authorized.
8. First turn for visual departure below 600 m not authorized.

BEARINGS AND TRACKS ARE MAGNETIC,
ALTITUDES, HEIGHTS AND ELEVATIONS ARE IN METRES,
DISTANCES ARE IN KILOMETRES

CHANGE: NOTE.

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INSTRUMENT DEPARTURE **RNAV RWY 36L**

BASOR 1S (BASOR ONE SIERRA)

NOTE: Simultaneous departures not authorized.

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	356 (002,6)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB510	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBN03	N	049 (056,1)	11.2	-	-	-	RNAV-1 (P-RNAV)
TF	BBN04	N	137 (143,5)	9.3	-	-	-	RNAV-1 (P-RNAV)
TF	BRP	N	206 (212,9)	26.3	-	+2450	-	RNAV-1 (P-RNAV)
TF	BASOR	N	184 (190,6)	26.4	-	+2450	-	RNAV-1 (P-RNAV)

BO 3S (Bohdanivka THREE SIERRA)

NOTE: Simultaneous departures not authorized.

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	356 (002,6)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB510	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BO	N	353 (000,1)	14.9	-	+1850	-	RNAV-1 (P-RNAV)

GOTAP 2S (GOTAP TWO SIERRA)

NOTE: Simultaneous departures not authorized.

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	356 (002,6)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB510	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBN03	N	049 (056,1)	11.2	-	-	-	RNAV-1 (P-RNAV)
TF	BBE04	N	089 (096,2)	20.3	-	+1850	-	RNAV-1 (P-RNAV)
TF	GOTAP	N	123 (130,0)	47.7	-	+FL110	-	RNAV-1 (P-RNAV)

KAFEL 1S (KAFEL ONE SIERRA)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	356 (002,6)	-	-	300	-	RNAV-1 (P-RNAV)
CA	-	-	321 (327,7)	-	L	+750	-	RNAV-1 (P-RNAV)
DF	BB515	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBW02	N	287 (293,6)	8.7	-	+1500	-	RNAV-1 (P-RNAV)
TF	BBW01	N	235 (242,0)	30.2	-	+FL120	-	RNAV-1 (P-RNAV)
TF	KAFEL	N	281 (287,9)	74.9	-	+FL120	-	RNAV-1 (P-RNAV)

KUROS 3S (KUROS THREE SIERRA)

NOTE: Simultaneous departures not authorized.

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	356 (002,6)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB510	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBN03	N	049 (056,1)	11.2	-	-	-	RNAV-1 (P-RNAV)
TF	BBE04	N	089 (096,2)	20.3	-	+1850	-	RNAV-1 (P-RNAV)
TF	KUROS	N	048 (054,9)	42.2	-	+FL170	-	RNAV-1 (P-RNAV)

SLV 2S (Soloviivka TWO SIERRA)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	356 (002,6)	-	-	300	-	RNAV-1 (P-RNAV)
CA	-	-	321 (327,7)	-	L	+750	-	RNAV-1 (P-RNAV)
DF	BB515	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBW02	N	287 (293,6)	8.7	-	+1500	-	RNAV-1 (P-RNAV)
TF	BBW01	N	235 (242,0)	30.2	-	+FL120	-	RNAV-1 (P-RNAV)
TF	SLV	N	238 (244,9)	56.6	-	+FL120	-	RNAV-1 (P-RNAV)

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TUVOG 2S (TUVOG TWO SIERRA)
NOTE: Simultaneous departures not authorized.

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course °M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	356 (002,6)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB510	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	TUVOG	N	360 (006,8)	50.6	-	+FL130	-	RNAV-1 (P-RNAV)

VESEL 3S (VESEL TWO SIERRA)
NOTE: Simultaneous departures not authorized. By ATC.

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course °M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
CA	-	-	356 (002,6)	-	-	+750	-	RNAV-1 (P-RNAV)
DF	BB510	Y	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBN03	N	049 (056,1)	11.2	-	-	-	RNAV-1 (P-RNAV)
TF	BBN04	N	137 (143,5)	9.3	-	-	-	RNAV-1 (P-RNAV)
TF	BRP	N	206 (212,9)	26.3	-	+2450	-	RNAV-1 (P-RNAV)
TF	VESEL	N	224 (231,2)	111.7	-	+3050	-	RNAV-1 (P-RNAV)

WAYPOINTS		
Waypoint name	*Coordinates*	
BB510	502942,0N	0305331,0E
BB515	503005,0N	0304632,0E
BBE04	503153,0N	0311828,0E
BBN03	503305,0N	0310125,0E
BBN04	502904,0N	0310604,0E
BBW01	502417,0N	0301718,0E
BBW02	503158,0N	0303946,0E
BO	503743,0N	0305332,0E
BRP	501708,5N	0305403,5E
SLV	501112,5N	0293412,5E
BASOR	500307N	0305000E
GOTAP	501518N	0314912E
KAFEL	503625N	0291650E
KUROS	504454N	0314748E
TUVOG	505647N	0305840E
VESEL	493900N	0294143E

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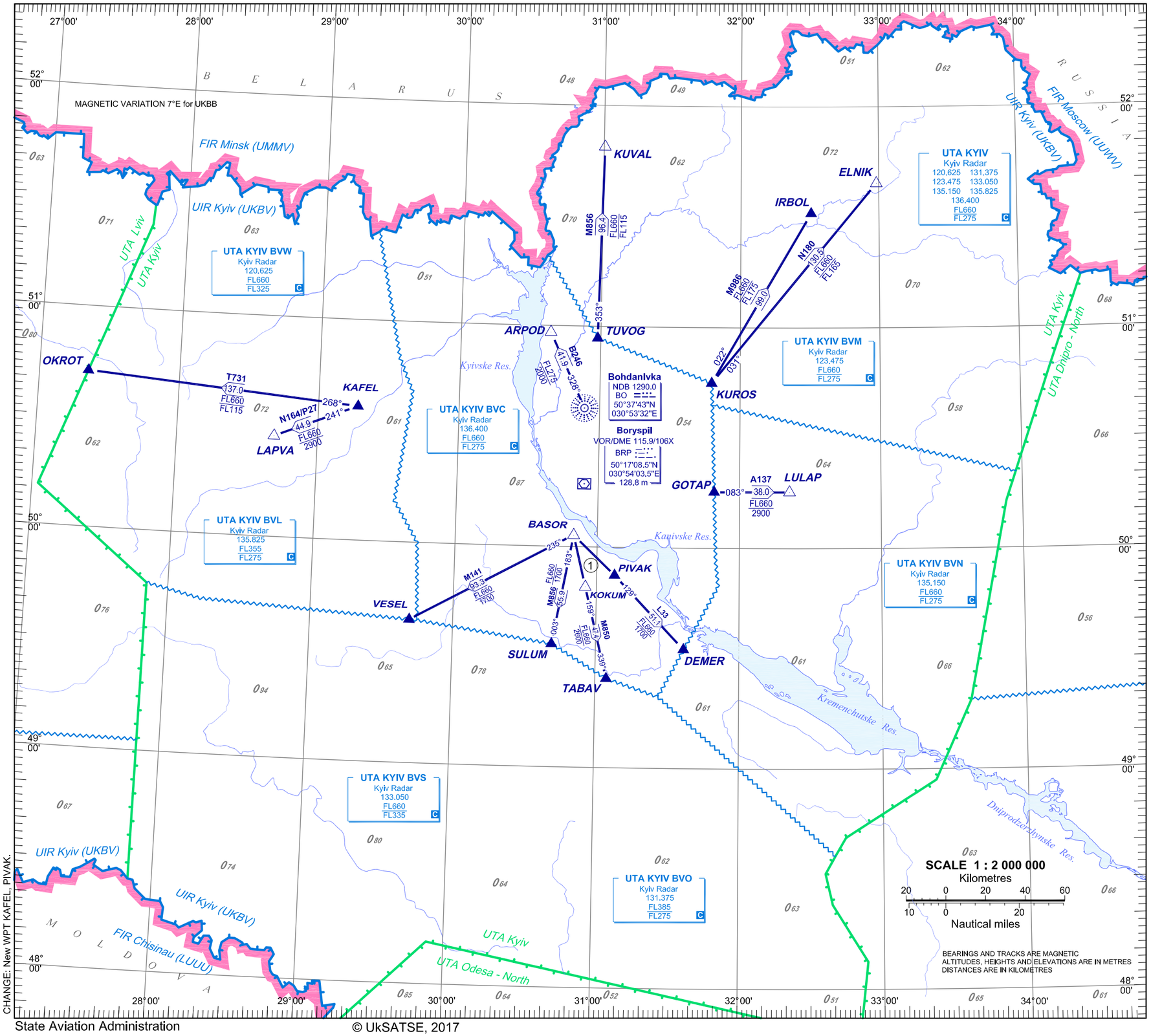
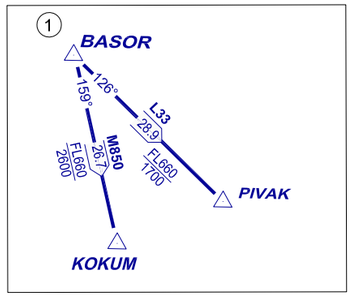
FRA DEPARTURE CONNECTING ROUTES

KYIV/Boryspil



FRA Departure Connecting Routes		
Aerodrome	SID end point	FRA Connecting Routes
UKBB	TUVOG	TUVOG M856 KUVAL
	BO	BO B246 ARPOD
	KUROS	KUROS M986 IRBOL
		KUROS N180 ELNIK
	GOTAP	GOTAP A137 LULAP
	KAFEL	KAFEL P27 LAPVA
		KAFEL N164 LAPVA
		KAFEL T731 OKROT
	BASOR	BASOR M141 VESEL
		BASOR M856 SULUM
		BASOR M850 TABAV
		BASOR L33 DEMER



CHANGE: New WPT KAFEL, PIVAK.

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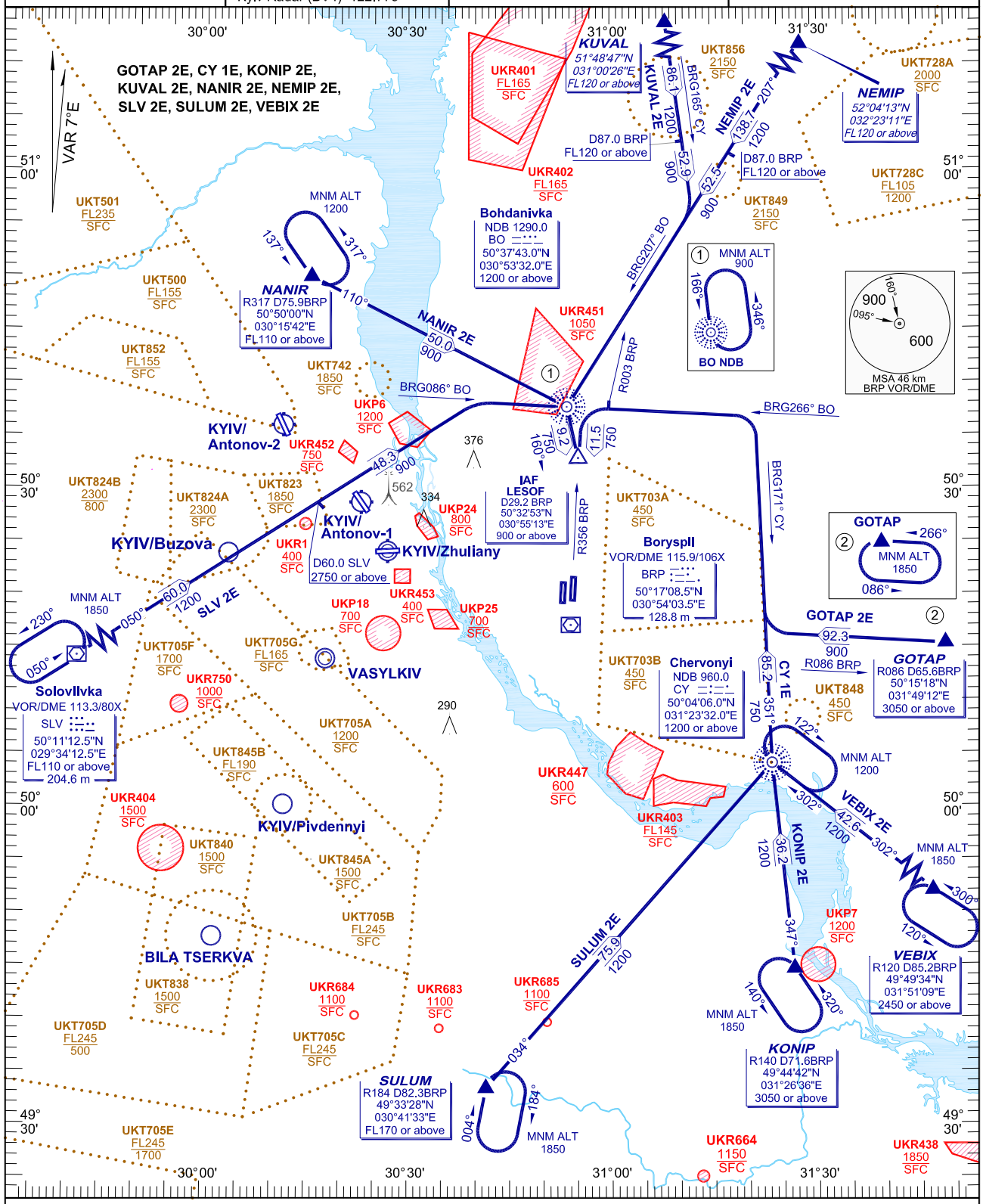
[AIRAC AMDT 11/19]

STANDARD ARRIVAL CHART
INSTRUMENT (STAR)-ICAO

KYIV/Boryspil
RWY 18L

TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV1) 127.725 Kyiv Radar (BV2) 124.675 Kyiv Radar (BV4) 122.775	Boryspil TWR (18L/36R) 119.300 Boryspil TWR (18R/36L) 119.650	Boryspil ATIS (Eng) 126.700 Boryspil ATIS (Rus) 134.250



NOTE:
1. Altitude assignments will be issued by ATC.
2. The initial call to the Kyiv-Radar (sector BV4 FREQ 122.775) shall contain only callsign and the point ACFT flying towards to (or ACFT heading when radar vectors provided by ATC).

SCALE 1 : 1 000 000
Kilometres
10 0 10 20 30
5 0 10
Nautical miles

CHANGE: UKR664.

BEARINGS AND TRACKS ARE MAGNETIC
ALTITUDES, HEIGHTS AND ELEVATIONS ARE IN METRES
DISTANCES ARE IN KILOMETRES

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STAR RWY18L

Designator	Route	Altitude	Remarks
GOTAP 2E GOTAP TWO ECHO	On R086° BRP VOR from GOTAP, turn RIGHT to intercept BRG171° CY NDB, turn LEFT to intercept BRG266° BO NDB to R003° BRP VOR, turn LEFT to intercept R356° BRP VOR to IAF LESOF, then according to approach chart.	Cross GOTAP at 3050 or above, IAF LESOF at 900 or above.	nil
CY 1E Chervonyi ONE ECHO	On track 351° from CY NDB, turn LEFT to intercept BRG266° BO NDB to R003° BRP VOR, turn LEFT to intercept R356° BRP VOR to IAF LESOF, then according to approach chart.	Cross CY NDB at 1200 or above, IAF LESOF at 900 or above.	nil
KONIP 2E KONIP TWO ECHO	On track 347° from KONIP to CY NDB, turn RIGHT on track 351° from CY NDB, turn LEFT to intercept BRG266° BO NDB to R003° BRP VOR, turn LEFT to intercept R356° BRP VOR to IAF LESOF, then according to approach chart.	Cross KONIP at 3050 or above, CY NDB at 1200 or above, IAF LESOF at 900 or above.	nil
KUVAL 2E KUVAL TWO ECHO	On BRG165° CY NDB from KUVAL, turn RIGHT to intercept BRG207° BO NDB to BO NDB, turn LEFT on track 160° from BO NDB to IAF LESOF, then according to approach chart.	Cross KUVAL at FL120 or above, D87,0 BRP DME at FL120 or above, BO NDB at 1200 or above, IAF LESOF at 900 or above.	nil
NANIR 2E NANIR TWO ECHO	On track 110° from NANIR to BO NDB, turn RIGHT on track 160° from BO NDB to IAF LESOF, then according to approach chart.	Cross NANIR at FL110 or above, BO NDB at 1200 or above, IAF LESOF at 900 or above.	nil
NEMIP 2E NEMIP TWO ECHO	On track 207° from NEMIP to BO NDB, turn LEFT on track 160° from BO NDB to IAF LESOF, then according to approach chart.	Cross NEMIP at FL120 or above, D87,0 BRP DME at FL120 or above, BO NDB at 1200 or above, IAF LESOF at 900 or above.	nil
SLV 2E Soloviivka TWO ECHO	On track 050° from SLV VOR/DME, turn RIGHT to intercept BRG086° BO NDB to BO NDB, turn RIGHT on track 160° from BO NDB to IAF LESOF, then according to approach chart.	Cross SLV VOR/DME at FL110 or above, D60,0 SLV DME at 2750 or above, BO NDB at 1200 or above, IAF LESOF at 900 or above.	nil
SULUM 2E SULUM TWO ECHO	On track 034° from SULUM to CY NDB, turn LEFT on track 351° from CY NDB, turn LEFT to intercept BRG266° BO NDB to R003° BRP VOR, turn LEFT to intercept R356° BRP VOR to IAF LESOF, then according to approach chart.	Cross SULUM at FL170 or above, CY NDB at 1200 or above, IAF LESOF at 900 or above.	nil
VEBIX 2E VEBIX TWO ECHO	On track 302° from VEBIX to CY NDB, turn RIGHT on track 351° from CY NDB, turn LEFT to intercept BRG266° BO NDB to R003° BRP VOR, turn LEFT to intercept R356° BRP VOR to IAF LESOF, then according to approach chart.	Cross VEBIX at 2450 or above, CY NDB at 1200 or above, IAF LESOF at 900 or above.	nil

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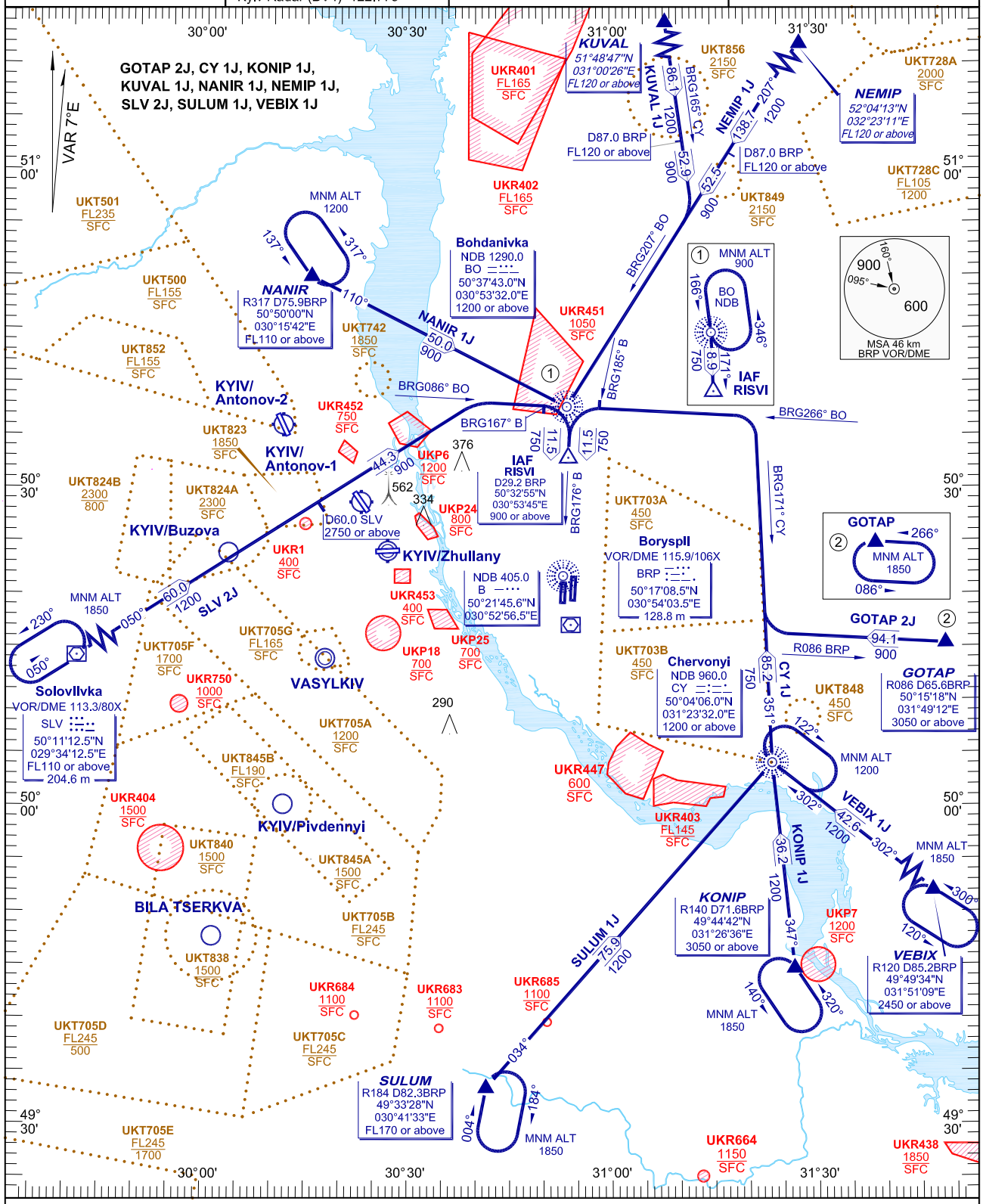
STANDARD ARRIVAL CHART
INSTRUMENT (STAR)-ICAO

KYIV/Boryspil
RWY 18R

TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV1) 127.725 Kyiv Radar (BV2) 124.675 Kyiv Radar (BV4) 122.775	Boryspil TWR (18L/36R) 119.300 Boryspil TWR (18R/36L) 119.650	Boryspil ATIS (Eng) 126.700 Boryspil ATIS (Rus) 134.250



NOTE:
1. Altitude assignments will be issued by ATC.
2. The initial call to the Kyiv-Radar (sector BV4 FREQ 122.775) shall contain only callsign and the point ACFT flying towards to (or ACFT heading when radar vectors provided by ATC).

SCALE 1 : 1 000 000
Kilometres
10 0 10 20 30
5 0 10
Nautical miles

BEARINGS AND TRACKS ARE MAGNETIC
ALTITUDES, HEIGHTS AND ELEVATIONS ARE IN METRES
DISTANCES ARE IN KILOMETRES

CHANGE: UKR664.

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STAR RWY 18R

Designator	Route	Altitude	Remarks
GOTAP 2J GOTAP TWO JULIETT	On R086° BRP VOR from GOTAP, turn RIGHT to intercept BRG171° CY NDB, turn LEFT to intercept BRG266° BO NDB to BRG185° B NDB, turn LEFT to intercept BRG176° B NDB to IAF RISVI, then according to approach chart.	Cross GOTAP at 3050 or above, IAF RISVI at 900 or above.	nil
CY 1J Chervonyi ONE JULIETT	On track 351° from CY NDB, turn LEFT to intercept BRG266° BO NDB to BRG185° B NDB, turn LEFT to intercept BRG176° B NDB to IAF RISVI, then according to approach chart.	Cross CY NDB at 1200 or above, IAF RISVI at 900 or above.	nil
KONIP 1J KONIP ONE JULIETT	On track 347° from KONIP to CY NDB, turn RIGHT on track 351° from CY NDB, turn LEFT to intercept BRG266° BO NDB to BRG185° B NDB, turn LEFT to intercept BRG176° B NDB to IAF RISVI, then according to approach chart.	Cross KONIP at 3050 or above, CY NDB at 1200 or above, IAF RISVI at 900 or above.	nil
KUVAL 1J KUVAL ONE JULIETT	On BRG165° CY NDB from KUVAL, turn RIGHT to intercept BRG207° BO NDB to BO NDB, turn LEFT on track 171° from BO NDB to IAF RISVI, then according to approach chart.	Cross KUVAL at FL120 or above, D87,0 BRP DME at FL120 or above, BO NDB at 1200 or above, IAF RISVI at 900 or above.	nil
NANIR 1J NANIR ONE JULIETT	On track 110° from NANIR to BO NDB, turn RIGHT on track 171° from BO NDB to IAF RISVI, then according to approach chart.	Cross NANIR at FL110 or above, BO NDB at 1200 or above, IAF RISVI at 900 or above.	nil
NEMIP 1J NEMIP ONE JULIETT	On track 207° from NEMIP to BO NDB, turn LEFT on track 171° from BO NDB to IAF RISVI, then according to approach chart.	Cross NEMIP at FL120 or above, D87,0 BRP DME at FL120 or above, BO NDB at 1200 or above, IAF RISVI at 900 or above.	nil
SLV 2J Soloviivka TWO JULIETT	On track 050° from SLV VOR/DME, turn RIGHT to intercept BRG086° BO NDB to BRG167° B NDB, turn RIGHT to intercept BRG176° B NDB to IAF RISVI, then according to approach chart.	Cross SLV VOR/DME at FL110 or above, D60,0 SLV DME at 2750 or above, IAF RISVI at 900 or above.	nil
SULUM 1J SULUM ONE JULIETT	On track 034° from SULUM to CY NDB, turn LEFT on track 351° from CY NDB, turn LEFT to intercept BRG266° BO NDB to BRG185° B NDB, turn LEFT to intercept BRG176° B NDB to IAF RISVI, then according to approach chart.	Cross SULUM at FL170 or above, CY NDB at 1200 or above, IAF RISVI at 900 or above.	nil
VEBIX 1J VEBIX ONE JULIETT	On track 302° from VEBIX to CY NDB, turn RIGHT on track 351° from CY NDB, turn LEFT to intercept BRG266° BO NDB to BRG185° B NDB, turn LEFT to intercept BRG176° B NDB to IAF RISVI, then according to approach chart.	Cross VEBIX at 2450 or above, CY NDB at 1200 or above, IAF RISVI at 900 or above.	nil

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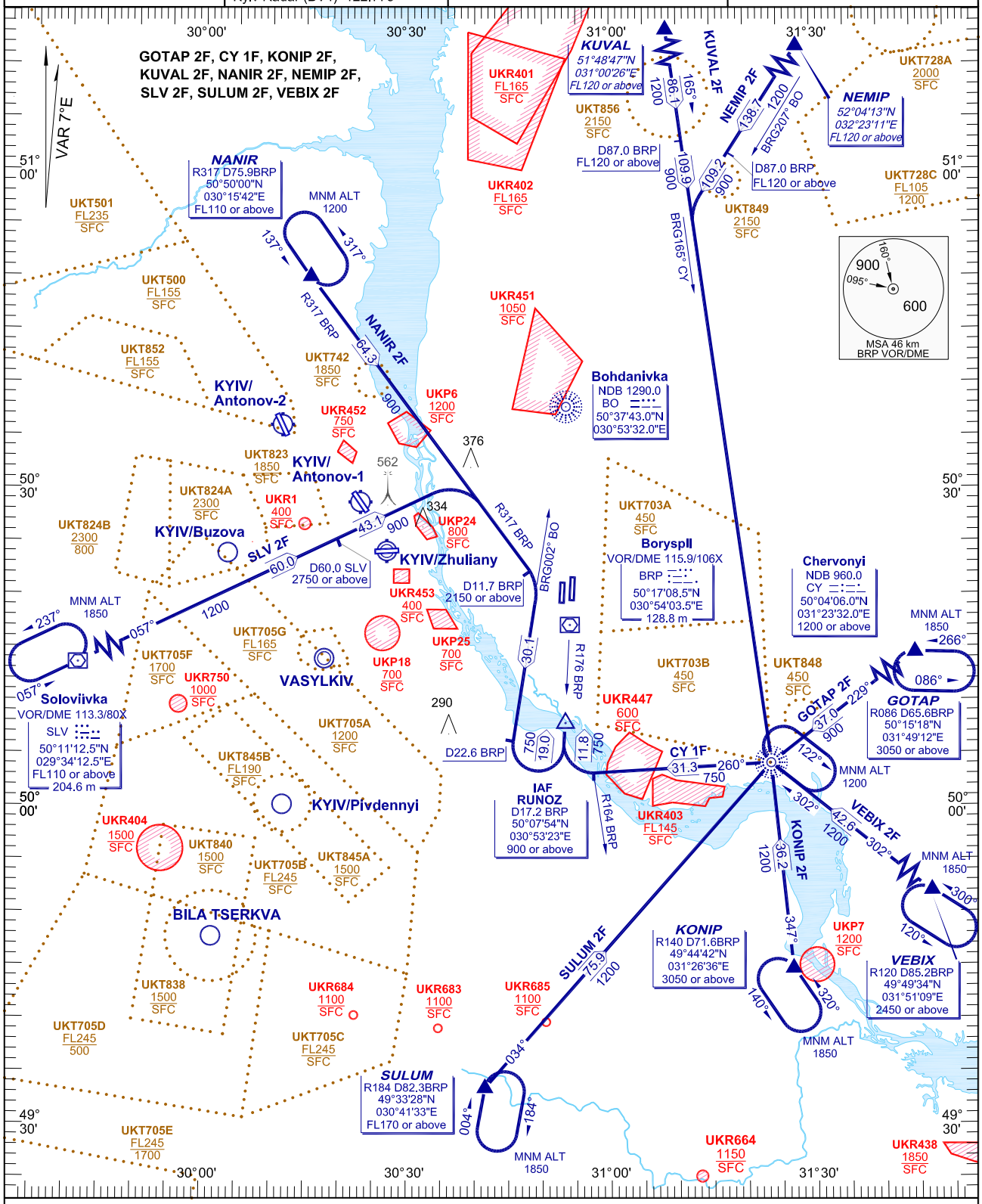
STANDARD ARRIVAL CHART
INSTRUMENT (STAR)-ICAO

KYIV/Boryspil
RWY 36R

TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV1) 127.725 Kyiv Radar (BV2) 124.675 Kyiv Radar (BV4) 122.775	Boryspil TWR (18L/36R) 119.300 Boryspil TWR (18R/36L) 119.650	Boryspil ATIS (Eng) 126.700 Boryspil ATIS (Rus) 134.250



NOTE:

1. Altitude assignments will be issued by ATC.
2. The initial call to the Kyiv-Radar (sector BV4 FREQ 122.775) shall contain only callsign and the point ACFT flying towards to (or ACFT heading when radar vectors provided by ATC).

SCALE 1 : 1 000 000
Kilometres
10 0 10 20 30
5 0 10
Nautical miles

BEARINGS AND TRACKS ARE MAGNETIC
ALTITUDES, HEIGHTS AND ELEVATIONS ARE IN METRES
DISTANCES ARE IN KILOMETRES

CHANGE: UKR664.

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STAR RWY 36R

Designator	Route	Altitude	Remarks
GOTAP 2F GOTAP TWO FOXTROT	On track 229° from GOTAP to CY NDB, turn RIGHT on track 260° from CY NDB to R164° BRP VOR, turn RIGHT to intercept R176° BRP VOR to IAF RUNOZ, then according to approach chart.	Cross GOTAP at 3050 or above, CY NDB at 1200 or above, IAF RUNOZ at 900 or above.	nil
CY 1F Chervonyi ONE FOXTROT	On track 260° from CY NDB to R164° BRP VOR, turn RIGHT to intercept R176° BRP VOR to IAF RUNOZ, then according to approach chart.	Cross CY NDB at 1200 or above, IAF RUNOZ at 900 or above.	nil
KONIP 2F KONIP TWO FOXTROT	On track 347° from KONIP to CY NDB, turn LEFT on track 260° from CY NDB to R164° BRP VOR, turn RIGHT to intercept R176° BRP VOR to IAF RUNOZ, then according to approach chart.	Cross KONIP at 3050 or above, CY NDB at 1200 or above, IAF RUNOZ at 900 or above.	nil
KUVAL 2F KUVAL TWO FOXTROT	On track 165° from KUVAL to CY NDB, turn RIGHT on track 260° from CY NDB to R164° BRP VOR, turn RIGHT to intercept R176° BRP VOR to IAF RUNOZ, then according to approach chart.	Cross KUVAL at FL120 or above, D87,0 BRP DME at FL120 or above, CY NDB at 1200 or above, IAF RUNOZ at 900 or above.	nil
NANIR 2F NANIR TWO FOXTROT	On R317° BRP VOR from NANIR, turn RIGHT to intercept BRG002° BO NDB to D22,6 BRP DME, turn LEFT to intercept R176° BRP VOR to IAF RUNOZ, then according to approach chart.	Cross NANIR at FL110 or above, D11,7 BRP DME at 2150 or above, IAF RUNOZ at 900 or above.	nil
NEMIP 2F NEMIP TWO FOXTROT	On BRG207° BO NDB from NEMIP, turn LEFT to intercept BRG165° CY NDB to CY NDB, turn RIGHT on track 260° from CY NDB to R164° BRP VOR, turn RIGHT to intercept R176° BRP VOR to IAF RUNOZ, then according to approach chart.	Cross NEMIP at FL120 or above, D87,0 BRP DME at FL120 or above, CY NDB at 1200 or above, IAF RUNOZ at 900 or above.	nil
SLV 2F Soloviivka TWO FOXTROT	On track 057° from SLV VOR/DME, turn RIGHT to intercept R317° BRP VOR, turn RIGHT to intercept BRG002° BO NDB to D22,6 BRP DME, turn LEFT to intercept R176° BRP VOR to IAF RUNOZ, then according to approach chart.	Cross SLV VOR/DME at FL110 or above, D60,0 SLV DME at 2750 or above, D11,7 BRP DME at 2150 or above, IAF RUNOZ at 900 or above.	nil
SULUM 2F SULUM TWO FOXTROT	On track 034° from SULUM to CY NDB, enter the holding over CY NDB with RIGHT turn and inbound track 302°, turn LEFT on track 260° from CY NDB to R164° BRP VOR, turn RIGHT to intercept R176° BRP VOR to IAF RUNOZ, then according to approach chart.	Cross SULUM at FL170 or above, CY NDB at 1200 or above, IAF RUNOZ at 900 or above.	nil
VEBIX 2F VEBIX TWO FOXTROT	On track 302° from VEBIX to CY NDB, turn LEFT on track 260° from CY NDB to R164° BRP VOR, turn RIGHT to intercept R176° BRP VOR to IAF RUNOZ, then according to approach chart.	Cross VEBIX at 2450 or above, CY NDB at 1200 or above, IAF RUNOZ at 900 or above.	nil

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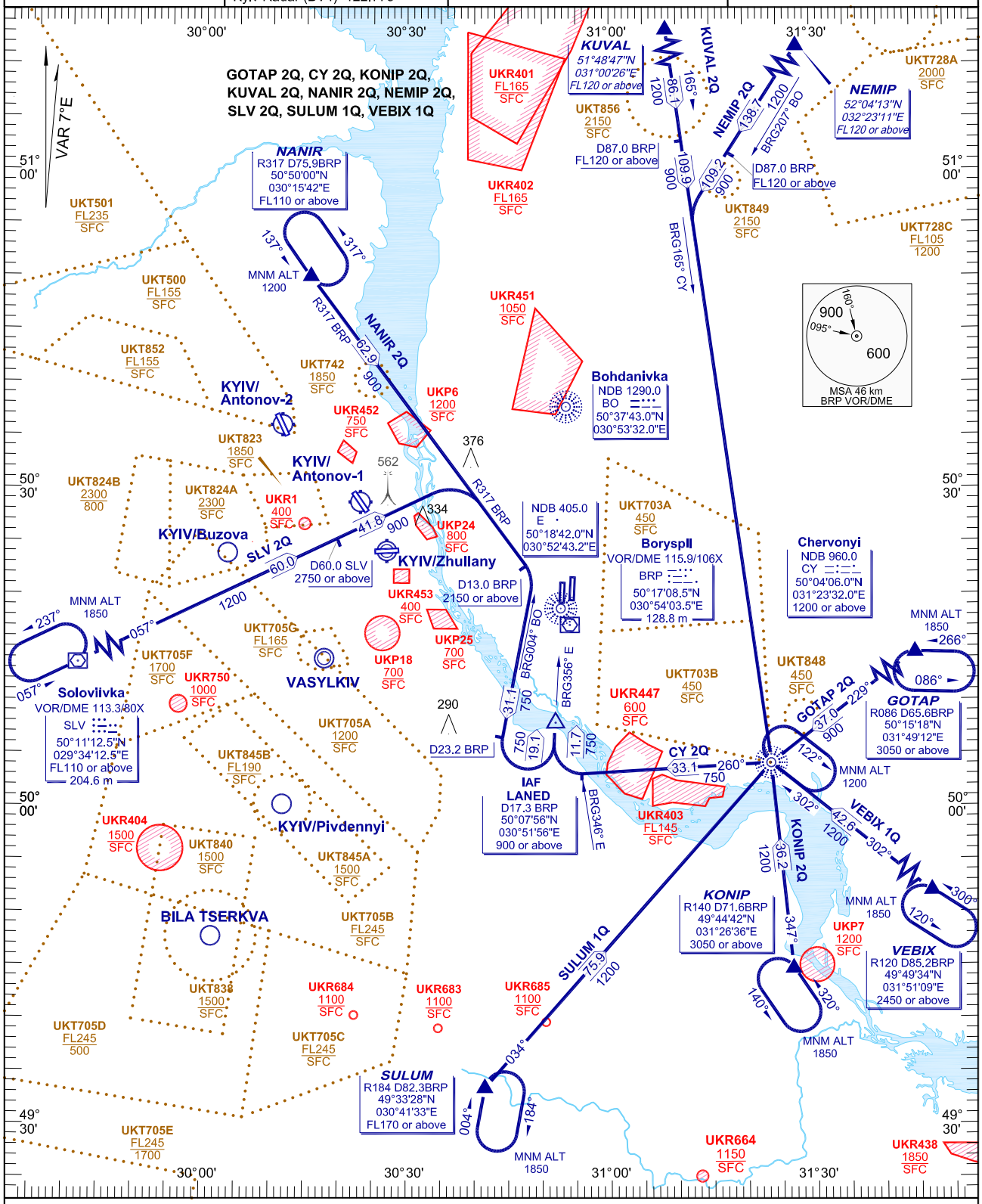
STANDARD ARRIVAL CHART
INSTRUMENT (STAR)-ICAO

KYIV/Boryspil
RWY 36L

TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV1) 127.725 Kyiv Radar (BV2) 124.675 Kyiv Radar (BV4) 122.775	Boryspil TWR (18L/36R) 119.300 Boryspil TWR (18R/36L) 119.650	Boryspil ATIS (Eng) 126.700 Boryspil ATIS (Rus) 134.250



NOTE:
1. Altitude assignments will be issued by ATC.
2. The initial call to the Kyiv-Radar (sector BV4 FREQ 122.775) shall contain only callsign and the point ACFT flying towards to (or ACFT heading when radar vectors provided by ATC).

SCALE 1 : 1 000 000
Kilometres
10 0 10 20 30
5 0 10
Nautical miles

CHANGE: UKR664.

BEARINGS AND TRACKS ARE MAGNETIC
ALTITUDES, HEIGHTS AND ELEVATIONS ARE IN METRES
DISTANCES ARE IN KILOMETRES

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STAR RWY 36L

Designator	Route	Altitude	Remarks
GOTAP 2Q GOTAP TWO QUEBEC	On track 229° from GOTAP to CY NDB, turn RIGHT on track 260° from CY NDB to BRG346° E NDB, turn RIGHT to intercept BRG356° E NDB to IAF LANED, then according to approach chart.	Cross GOTAP at 3050 or above, CY NDB at 1200 or above, IAF LANED at 900 or above.	nil
CY 2Q Chervonyi TWO QUEBEC	On track 260° from CY NDB to BRG346° E NDB, turn RIGHT to intercept BRG356° E NDB to IAF LANED, then according to approach chart.	Cross CY NDB at 1200 or above, IAF LANED at 900 or above.	nil
KONIP 2Q KONIP TWO QUEBEC	On track 347° from KONIP to CY NDB, turn LEFT on track 260° from CY NDB to BRG346° E NDB, turn RIGHT to intercept BRG356° E NDB to IAF LANED, then according to approach chart.	Cross KONIP at 3050 or above, CY NDB at 1200 or above, IAF LANED at 900 or above.	nil
KUVAL 2Q KUVAL TWO QUEBEC	On track 165° from KUVAL to CY NDB, turn RIGHT on track 260° from CY NDB to BRG346° E NDB, turn RIGHT to intercept BRG356° E NDB to IAF LANED, then according to approach chart.	Cross KUVAL at FL120 or above, D87,0 BRP DME at FL120 or above, CY NDB at 1200 or above, IAF LANED at 900 or above.	nil
NANIR 2Q NANIR TWO QUEBEC	On R317° BRP VOR from NANIR, turn RIGHT to intercept BRG004° BO NDB to D23,2 BRP DME, turn LEFT to intercept BRG356° E NDB to IAF LANED, then according to approach chart.	Cross NANIR at FL110 or above, D13,0 BRP DME at 2150 or above, IAF LANED at 900 or above.	nil
NEMIP 2Q NEMIP TWO QUEBEC	On BRG207° BO NDB from NEMIP, turn LEFT to intercept BRG165° CY NDB to CY NDB, turn RIGHT on track 260° from CY NDB to BRG346° E NDB, turn RIGHT to intercept BRG356° E NDB to IAF LANED, then according to approach chart.	Cross NEMIP at FL120 or above, D87,0 BRP DME at FL120 or above, CY NDB at 1200 or above, IAF LANED at 900 or above.	nil
SLV 2Q Soloviivka TWO QUEBEC	On track 057° from SLV VOR/DME, turn RIGHT to intercept R317° BRP VOR, turn RIGHT to intercept BRG004° BO NDB to D23,2 BRP DME, turn LEFT to intercept BRG356° E NDB to IAF LANED, then according to approach chart.	Cross SLV VOR/DME at FL110 or above, D60,0 SLV DME at 2750 or above, D13,0 BRP DME at 2150 or above, IAF LANED at 900 or above.	nil
SULUM 1Q SULUM ONE QUEBEC	On track 034° from SULUM to CY NDB, enter the holding over CY NDB with RIGHT turn and inbound track 302°, turn LEFT on track 260° from CY NDB to BRG346° E NDB, turn RIGHT to intercept BRG356° E NDB to IAF LANED, then according to approach chart.	Cross SULUM at FL170 or above, CY NDB at 1200 or above, IAF LANED at 900 or above.	nil
VEBIX 1Q VEBIX ONE QUEBEC	On track 302° from VEBIX to CY NDB, turn LEFT on track 260° from CY NDB to BRG346° E NDB, turn RIGHT to intercept BRG356° E NDB to IAF LANED, then according to approach chart.	Cross VEBIX at 2450 or above, CY NDB at 1200 or above, IAF LANED at 900 or above.	nil

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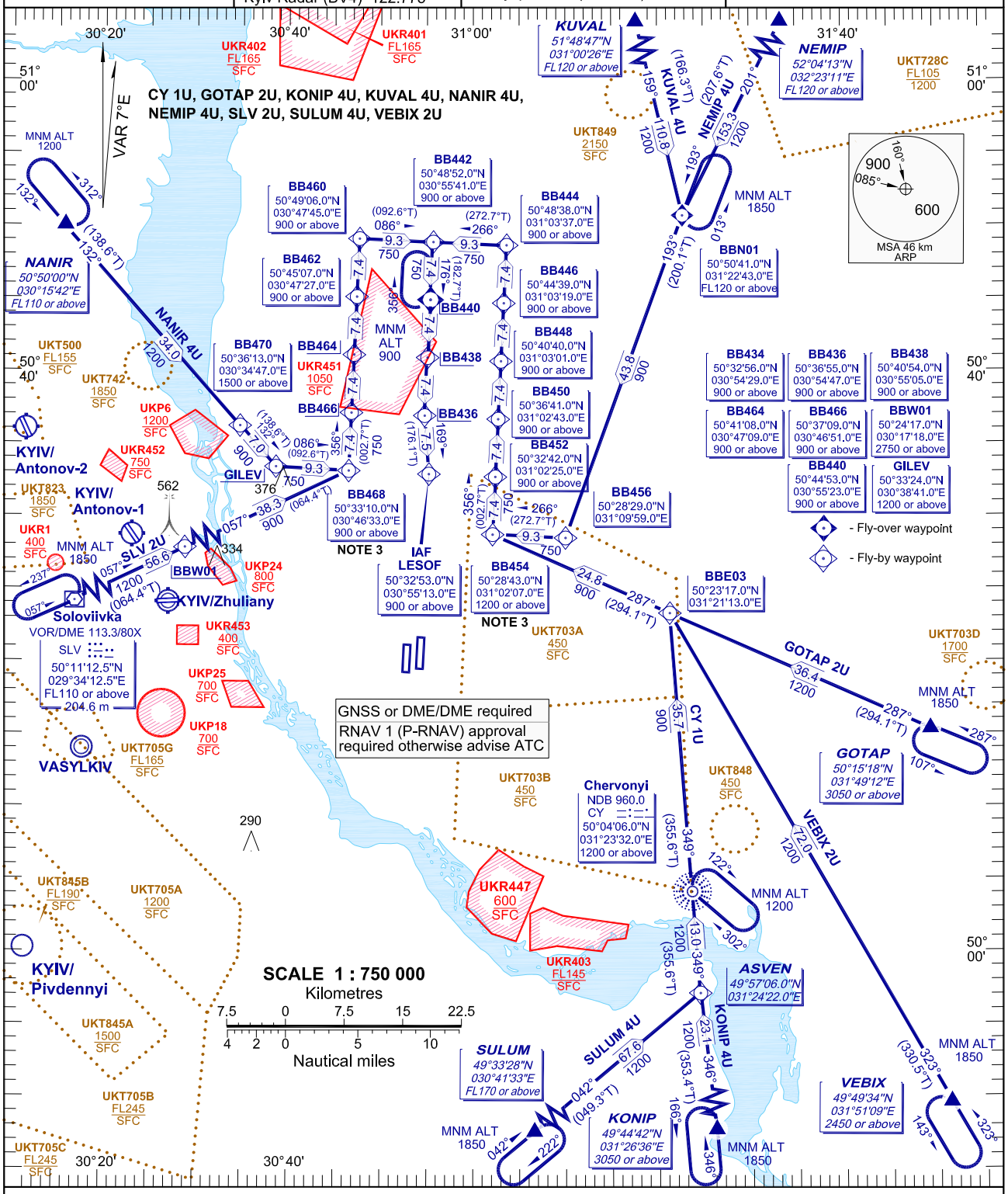
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

KYIV/Boryspil
RNAV(GNSS, DME/DME)RWY 18L

TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV1) 127.725 Kyiv Radar (BV2) 124.675 Kyiv Radar (BV4) 122.775	Boryspil TWR (18L/36R) 119.300 Boryspil TWR (18R/36L) 119.650	Boryspil ATIS (Eng) 126.700 Boryspil ATIS (Rus) 134.250



NOTE:

1. Expect direct routing/shortcuts by ATC whenever possible.
2. On downwind expect vector to final.
3. Speed restriction: MAX IAS 407 km/h (220 kt) at waypoints from BB454 to LESOF and from BB468 to LESOF.
4. Altitude assignments will be issued by ATC.
5. BB440, BBN01 and CY are Fly-by for arrival procedures and Fly-over for holding patterns.
6. The initial call to the Kyiv-Radar (sector BV4 FREQ 122.775) shall contain only callsing and the point ACFT flying towards to (or ACFT heading when radar vectors provided by ATC.)

BEARINGS AND TRACKS ARE MAGNETIC,
ALTITUDES, HEIGHTS AND ELEVATIONS ARE IN METRES
DISTANCES ARE IN KILOMETRES

Continuous Descent Operations (CDO)

1. CDO are performed during period of low traffic density at ATC discretion.
2. After receiving a "WHEN READY DESCEND TO (LEVEL)" or "DESCEND TO (LEVEL) AT PILOTS DISCRETION" clearance the pilot is free to plan/optimize the vertical profile in order to apply CDO technique up to the FAP.
3. Specified minimum level at waypoint must be adhered unless specifically cancelled by ATC.
4. Maintain MAX IAS 220 kt at a distance of 20 track miles from touchdown.
5. When radar vectors are issued or expected, ATC will provide an estimated track distance from touchdown.
6. For operational regulations refer to UKBB AD 2.22 and ENR 1.5.

CHANGE: VEBIX 2U.

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INSTRUMENT ARRIVAL **RNAV RWY18L**

GOTAP 2U (GOTAP TWO UNIFORM)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	GOTAP	-	-	-	-	+3050	-	RNAV-1 (P-RNAV)
TF	BBE03	N	287 (294,2)	36.4	-	-	-	RNAV-1 (P-RNAV)
TF	BB454	N	287 (294,1)	24.8	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB452	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB450	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB448	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB446	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB444	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB442	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB440	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB438	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB436	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	LESOF	N	169 (176,1)	7.5	-	+900	-407 (220)	RNAV-1 (P-RNAV)

CY 1U (Chervonyi ONE UNIFORM)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	CY	-	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBE03	N	349 (355,6)	35.7	-	-	-	RNAV-1 (P-RNAV)
TF	BB454	N	287 (294,1)	24.8	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB452	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB450	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB448	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB446	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB444	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB442	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB440	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB438	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB436	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	LESOF	N	169 (176,1)	7.5	-	+900	-407 (220)	RNAV-1 (P-RNAV)

KONIP 4U (KONIP FOUR UNIFORM)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	KONIP	-	-	-	-	+3050	-	RNAV-1 (P-RNAV)
TF	ASVEN	N	346 (353,4)	23.1	-	-	-	RNAV-1 (P-RNAV)
TF	CY	N	349 (355,6)	13.0	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBE03	N	349 (355,6)	35.7	-	-	-	RNAV-1 (P-RNAV)
TF	BB454	N	287 (294,1)	24.8	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB452	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB450	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB448	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB446	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB444	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB442	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB440	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB438	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB436	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	LESOF	N	169 (176,1)	7.5	-	+900	-407 (220)	RNAV-1 (P-RNAV)

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SLV 2U (Soloviivka TWO UNIFORM)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	SLV	-	-	-	-	+FL110	-	RNAV-1 (P-RNAV)
TF	BBW01	N	057 (064,4)	56.6	-	+2750	-	RNAV-1 (P-RNAV)
TF	BB468	N	057 (064,4)	38.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB466	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB464	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB462	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB460	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB442	N	086 (092,6)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB440	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB438	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB436	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	LESOF	N	169 (176,1)	7.5	-	+900	-407 (220)	RNAV-1 (P-RNAV)

SULUM 4U (SULUM FOUR UNIFORM)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	SULUM	-	-	-	-	+FL170	-	RNAV-1 (P-RNAV)
TF	ASVEN	N	042 (049,3)	67.6	-	-	-	RNAV-1 (P-RNAV)
TF	CY	N	349 (355,6)	13.0	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBE03	N	349 (355,6)	35.7	-	-	-	RNAV-1 (P-RNAV)
TF	BB454	N	287 (294,1)	24.8	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB452	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB450	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB448	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB446	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB444	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB442	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB440	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB438	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB436	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	LESOF	N	169 (176,1)	7.5	-	+900	-407 (220)	RNAV-1 (P-RNAV)

VEBIX 2U (VEBIX TWO UNIFORM)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	VEBIX	-	-	-	-	+2450	-	RNAV-1 (P-RNAV)
TF	BBE03	N	323 (330,5)	72.0	-	-	-	RNAV-1 (P-RNAV)
TF	BB454	N	287 (294,1)	24.8	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB452	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB450	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB448	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB446	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB444	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB442	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB440	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB438	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB436	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	LESOF	N	169 (176,1)	7.5	-	+900	-407 (220)	RNAV-1 (P-RNAV)

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KUVAL 4U (KUVAL FOUR UNIFORM)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h*	*Navigation Specification*
IF	KUVAL	-	-	-	-	+FL120	-	RNAV-1 (P-RNAV)
TF	BBN01	N	159 (166,3)	110.8	-	+FL120	-	RNAV-1 (P-RNAV)
TF	BB456	N	193 (200,1)	43.8	-	-	-	RNAV-1 (P-RNAV)
TF	BB454	N	266 (272,7)	9.3	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB452	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB450	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB448	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB446	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB444	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB442	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB440	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB438	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB436	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	LESOF	N	169 (176,1)	7.5	-	+900	-407 (220)	RNAV-1 (P-RNAV)

NANIR 4U (NANIR FOUR UNIFORM)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h*	*Navigation Specification*
IF	NANIR	-	-	-	-	+FL110	-	RNAV-1 (P-RNAV)
TF	BB470	N	132 (138,6)	34.0	-	+1500	-	RNAV-1 (P-RNAV)
TF	GILEV	N	132 (138,6)	7.0	-	+1200	-	RNAV-1 (P-RNAV)
TF	BB468	N	086 (092,6)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB466	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB464	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB462	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB460	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB442	N	086 (092,6)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB440	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB438	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB436	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	LESOF	N	169 (176,1)	7.5	-	+900	-407 (220)	RNAV-1 (P-RNAV)

NEMIP 4U (NEMIP FOUR UNIFORM)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h*	*Navigation Specification*
IF	NEMIP	-	-	-	-	+FL120	-	RNAV-1 (P-RNAV)
TF	BBN01	N	201 (207,6)	153.3	-	+FL120	-	RNAV-1 (P-RNAV)
TF	BB456	N	193 (200,1)	43.8	-	-	-	RNAV-1 (P-RNAV)
TF	BB454	N	266 (272,7)	9.3	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB452	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB450	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB448	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB446	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB444	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB442	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB440	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB438	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB436	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	LESOF	N	169 (176,1)	7.5	-	+900	-407 (220)	RNAV-1 (P-RNAV)

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WAYPOINTS		
Waypoint name	***Coordinates***	
LESOF (IAF)	503253,0N	0305513,0E
BB436	503655,0N	0305447,0E
BB438	504054,0N	0305505,0E
BB440	504453,0N	0305523,0E
BB442	504852,0N	0305541,0E
BB444	504838,0N	0310337,0E
BB446	504439,0N	0310319,0E
BB448	504040,0N	0310301,0E
BB450	503641,0N	0310243,0E
BB452	503242,0N	0310225,0E
BB454	502843,0N	0310207,0E
BB456	502829,0N	0310959,0E
BB460	504906,0N	0304745,0E
BB462	504507,0N	0304727,0E
BB464	504108,0N	0304709,0E
BB466	503709,0N	0304651,0E
BB468	503310,0N	0304633,0E
BB470	503613,0N	0303447,0E
BBE03	502317,0N	0312113,0E
BBN01	505041,0N	0312243,0E
BBW01	502417,0N	0301718,0E
ASVEN	495706,0N	0312422,0E
GILEV	503324,0N	0303841,0E
CY	500406,0N	0312332,0E
SLV	501112,5N	0293412,5E
GOTAP	501518N	0314912E
KONIP	494442N	0312636E
KUVAL	514847N	0310026E
NANIR	505000N	0301542E
NEMIP	520413N	0322311E
SULUM	493328N	0304133E
VEBIX	494934N	0315109E

HOLDINGS							
Path description	***Fix identifier (Waypoint name)***	***Inbound Track °M (° T)***	***Distance km***	***Time MIN***	***Turn direction***	***Minimum Altitude, m AMSL / Flight Level***	***Speed limit km/h (kt)***
Hold	BB440	176 (182,7)	-	1	R	900	-407 (220)
Hold	BBN01	193 (200,1)	-	1	L	1850	-
Hold	GOTAP	287 (294,2)	-	1	L	1850	-
Hold	KONIP	346 (353,4)	-	1	L	1850	-
Hold	NANIR	132 (138,6)	-	1	L	1200	-
Hold	SULUM	042 (049,3)	-	1	R	1850	-
Hold	VEBIX	323 (330,5)	-	1	L	1850	-
Hold	SLV	057 (064,4)	-	1	L	1850	-
Hold	CY	302 (309,4)	-	1	R	1200	-

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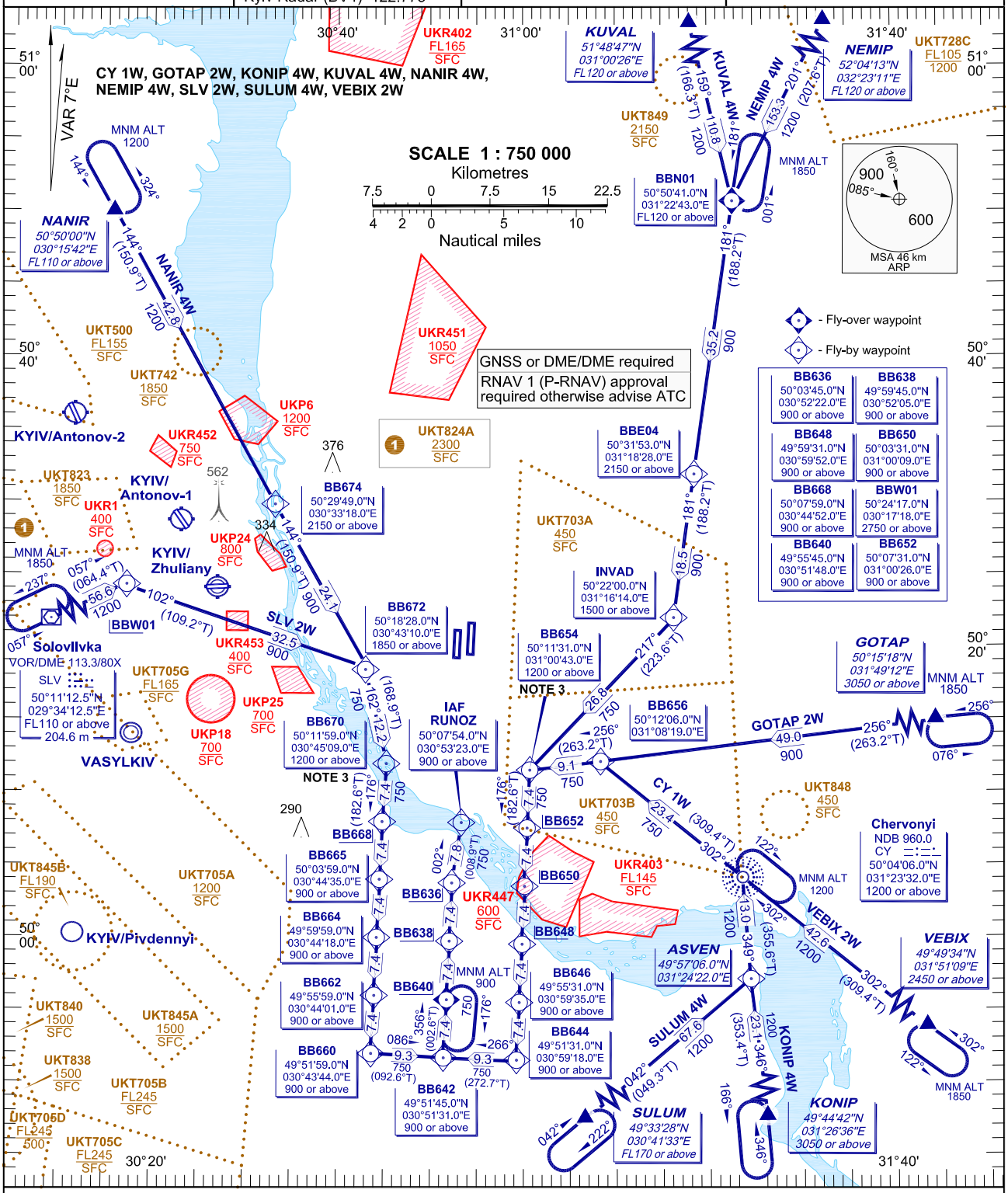
STANDARD ARRIVAL CHART
INSTRUMENT (STAR)-ICAO

KYIV/Boryspil
RNAV(GNSS, DME/DME) RWY 36R

TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV1) 127.725 Kyiv Radar (BV2) 124.675 Kyiv Radar (BV4) 122.775	Boryspil TWR (18L/36R) 119.300 Boryspil TWR (18R/36L) 119.650	Boryspil ATIS (Eng) 126.700 Boryspil ATIS (Rus) 134.250



NOTE:
1. Expect direct routing/shortcuts by ATC whenever possible.
2. On downwind expect vector to final.
3. Speed restriction: MAX IAS 407 km/h (220 kt) at waypoints from BB654 to RUNOZ and from BB670 to RUNOZ.
4. Altitude assignments will be issued by ATC.
5. BB640, BBN01 and CY are Fly-by for arrival procedures and Fly-over for holding patterns.
6. The initial call the Kyiv-Radar (sector BV4 FREQ 122.775) shall contain only callsing and the point ACFT flying towards to (or ACFT heading when radar vectors provided by ATC.)

BEARINGS AND TRACKS ARE MAGNETIC,
ALTITUDES, HEIGHTS AND ELEVATIONS ARE IN METRES,
DISTANCES ARE IN KILOMETRES

Continuous Descent Operations (CDO)

1. CDO are performed during period of low traffic density at ATC discretion.
2. After receiving a "WHEN READY DESCEND TO (LEVEL)" or "DESCEND TO (LEVEL) AT PILOTS DISCRETION" clearance the pilot is free to plan/optimize the vertical profile in order to apply CDO technique up to the FAP.
3. Specified minimum level at waypoint must be adhered unless specifically cancelled by ATC.
4. Maintain MAX IAS 220 kt at a distance of 20 track miles from touchdown.
5. When radar vectors are issued or expected, ATC will provide an estimated track distance from touchdown.
6. For operational regulations refer to UKBB AD 2.22 and ENR 1.5.

CHANGE: BB654, BB670 NOTE 3: New UKT848.

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INSTRUMENT ARRIVAL **RNAV RWY36R**

GOTAP 2W (GOTAP TWO WHISKEY)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	GOTAP	-	-	-	-	+3050	-	RNAV-1 (P-RNAV)
TF	BB656	N	256 (263,3)	49.0	-	-	-	RNAV-1 (P-RNAV)
TF	BB654	N	256 (263,2)	9.1	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB652	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB650	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB648	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB646	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB644	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB642	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB640	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB638	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB636	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	RUNOZ	N	002 (008,9)	7.8	-	+900	-407 (220)	RNAV-1 (P-RNAV)

CY 1W (Chervonyi ONE WHISKEY)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	CY	-	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BB656	N	302 (309,4)	23.4	-	-	-	RNAV-1 (P-RNAV)
TF	BB654	N	256 (263,2)	9.1	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB652	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB650	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB648	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB646	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB644	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB642	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB640	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB638	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB636	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	RUNOZ	N	002 (008,9)	7.8	-	+900	-407 (220)	RNAV-1 (P-RNAV)

KONIP 4W (KONIP FOUR WHISKEY)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	KONIP	-	-	-	-	+3050	-	RNAV-1 (P-RNAV)
TF	ASVEN	N	346 (353,4)	23.1	-	-	-	RNAV-1 (P-RNAV)
TF	CY	N	349 (355,6)	13.0	-	+1200	-	RNAV-1 (P-RNAV)
TF	BB656	N	302 (309,4)	23.4	-	-	-	RNAV-1 (P-RNAV)
TF	BB654	N	256 (263,2)	9.1	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB652	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB650	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB648	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB646	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB644	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB642	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB640	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB638	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB636	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	RUNOZ	N	002 (008,9)	7.8	-	+900	-407 (220)	RNAV-1 (P-RNAV)

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KUVAL 4W (KUVAL FOUR WHISKEY)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	KUVAL	-	-	-	-	+FL120	-	RNAV-1 (P-RNAV)
TF	BBN01	N	159 (166,3)	110.8	-	+FL120	-	RNAV-1 (P-RNAV)
TF	BBE04	N	181 (188,2)	35.2	-	+2150	-	RNAV-1 (P-RNAV)
TF	INVAD	N	181 (188,2)	18.5	-	+1500		RNAV-1 (P-RNAV)
TF	BB654	N	217 (223,6)	26.8	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB652	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB650	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB648	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB646	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB644	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB642	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB640	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB638	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB636	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	RUNOZ	N	002 (008,9)	7.8	-	+900	-407 (220)	RNAV-1 (P-RNAV)

NANIR 4W (NANIR FOUR WHISKEY)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	NANIR	-	-	-	-	+FL110	-	RNAV-1 (P-RNAV)
TF	BB674	N	144 (150,9)	42.8	-	+2150	-	RNAV-1 (P-RNAV)
TF	BB672	N	144 (150,9)	24.1	-	+1850	-	RNAV-1 (P-RNAV)
TF	BB670	N	162 (168,9)	12.2	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB668	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB665	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB664	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB662	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB660	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB642	N	086 (092,6)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB640	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB638	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB636	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	RUNOZ	N	002 (008,9)	7.8	-	+900	-407 (220)	RNAV-1 (P-RNAV)

NEMIP 4W (NEMIP FOUR WHISKEY)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	NEMIP	-	-	-	-	+FL120	-	RNAV-1 (P-RNAV)
TF	BBN01	N	201 (207,6)	153.3	-	+FL120	-	RNAV-1 (P-RNAV)
TF	BBE04	N	181 (188,2)	35.2	-	+2150	-	RNAV-1 (P-RNAV)
TF	INVAD	N	181 (188,2)	18.5	-	+1500		RNAV-1 (P-RNAV)
TF	BB654	N	217 (223,6)	26.8	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB652	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB650	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB648	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB646	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB644	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB642	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB640	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB638	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB636	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	RUNOZ	N	002 (008,9)	7.8	-	+900	-407 (220)	RNAV-1 (P-RNAV)

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SLV 2W (Soloviivka TWO WHISKEY)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	SLV	-	-	-	-	+FL110	-	RNAV-1 (P-RNAV)
TF	BBW01	N	057 (064,4)	56.6	-	+2750	-	RNAV-1 (P-RNAV)
TF	BB672	N	102 (109,2)	32.5	-	+1850	-	RNAV-1 (P-RNAV)
TF	BB670	N	162 (168,9)	12.2	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB668	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB665	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB664	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB662	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB660	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB642	N	086 (092,6)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB640	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB638	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB636	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	RUNOZ	N	002 (008,9)	7.8	-	+900	-407 (220)	RNAV-1 (P-RNAV)

SULUM 4W (SULUM FOUR WHISKEY)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	SULUM	-	-	-	-	+FL170	-	RNAV-1 (P-RNAV)
TF	ASVEN	N	042 (049,3)	67.6	-	-	-	RNAV-1 (P-RNAV)
TF	CY	N	349 (355,6)	13.0	-	+1200	-	RNAV-1 (P-RNAV)
TF	BB656	N	302 (309,4)	23.4	-	-	-	RNAV-1 (P-RNAV)
TF	BB654	N	256 (263,2)	9.1	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB652	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB650	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB648	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB646	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB644	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB642	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB640	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB638	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB636	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	RUNOZ	N	002 (008,9)	7.8	-	+900	-407 (220)	RNAV-1 (P-RNAV)

VEBIX 2W (VEBIX TWO WHISKEY)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	VEBIX	-	-	-	-	+2450	-	RNAV-1 (P-RNAV)
TF	CY	N	302 (309,4)	42.6	-	+1200	-	RNAV-1 (P-RNAV)
TF	BB656	N	302 (309,4)	23.4	-	-	-	RNAV-1 (P-RNAV)
TF	BB654	N	256 (263,2)	9.1	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB652	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB650	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB648	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB646	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB644	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB642	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB640	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB638	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB636	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	RUNOZ	N	002 (008,9)	7.8	-	+900	-407 (220)	RNAV-1 (P-RNAV)

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WAYPOINTS		
Waypoint name	***Coordinates***	
RUNOZ (IAF)	500754,0N	0305323,0E
BB636	500345,0N	0305222,0E
BB638	495945,0N	0305205,0E
BB640	495545,0N	0305148,0E
BB642	495145,0N	0305131,0E
BB644	495131,0N	0305918,0E
BB646	495531,0N	0305935,0E
BB648	495931,0N	0305952,0E
BB650	500331,0N	0310009,0E
BB652	500731,0N	0310026,0E
BB654	501131,0N	0310043,0E
BB656	501206,0N	0310819,0E
BB660	495159,0N	0304344,0E
BB662	495559,0N	0304401,0E
BB664	495959,0N	0304418,0E
BB665	500359,0N	0304435,0E
BB668	500759,0N	0304452,0E
BB670	501159,0N	0304509,0E
BB672	501828,0N	0304310,0E
BB674	502949,0N	0303318,0E
BBE04	503153,0N	0311828,0E
BBN01	505041,0N	0312243,0E
BBW01	502417,0N	0301718,0E
ASVEN	495706,0N	0312422,0E
INVAD	502200,0N	0311614,0E
CY	500406,0N	0312332,0E
SLV	501112,5N	0293412,5E
GOTAP	501518N	0314912E
KONIP	494442N	0312636E
KUVAL	514847N	0310026E
NANIR	505000N	0301542E
NEMIP	520413N	0322311E
SULUM	493328N	0304133E
VEBIX	494934N	0315109E

HOLDINGS							
Path description	***Fix identifier (Waypoint name)***	***Inbound Track °M (° T)***	***Distance km***	***Time MIN***	***Turn direction***	***Minimum Altitude, m AMSL / Flight Level***	***Speed limit km/h (kt)***
Hold	BB640	356 (002,6)	-	1	R	900	-407 (220)
Hold	BBN01	181 (188,2)	-	1	L	1850	-
Hold	GOTAP	256 (263,3)	-	1	L	1850	-
Hold	KONIP	346 (353,4)	-	1	L	1850	-
Hold	NANIR	144 (150,9)	-	1	L	1200	-
Hold	SULUM	042 (049,3)	-	1	R	1850	-
Hold	VEBIX	302 (309,4)	-	1	L	1850	-
Hold	SLV	057 (064,4)	-	1	L	1850	-
Hold	CY	302 (309,4)	-	1	R	1200	-

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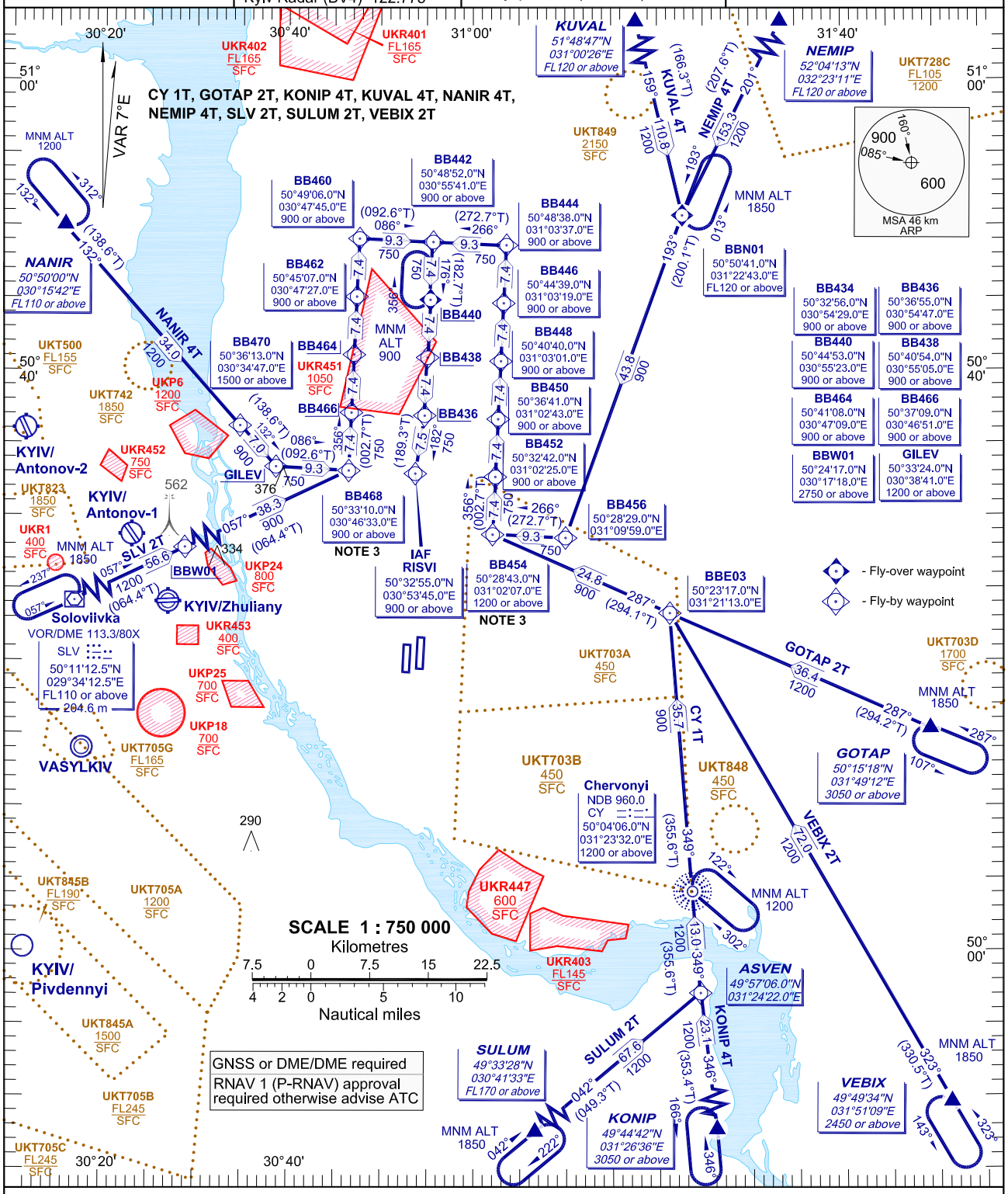
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

KYIV/Boryspil
RNAV(GNSS, DME/DME)RWY 18R

TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV1) 127.725 Kyiv Radar (BV2) 124.675 Kyiv Radar (BV4) 122.775	Boryspil TWR (18L/36R) 119.300 Boryspil TWR (18R/36L) 119.650	Boryspil ATIS (Eng) 126.700 Boryspil ATIS (Rus) 134.250



NOTE:

1. Expect direct routing/shortcuts by ATC whenever possible.
2. On downwind expect vector to final.
3. Speed restriction: MAX IAS 407 km/h (220 kt) at waypoints from BB454 to RISVI and from BB468 to RISVI.
4. Altitude assignments will be issued by ATC.
5. BB440, BBN01 and CY are Fly-by for arrival procedures and Fly-over for holding patterns.
6. The initial call the Kyiv-Radar (sector BV4 FREQ 122.775) shall contain only callsing and the point ACFT flying towards to (or ACFT heading when radar vectors provided by ATC.)

BEARINGS AND TRACKS ARE MAGNETIC,
ALTITUDES, HEIGHTS AND ELEVATIONS ARE IN METRES
DISTANCES ARE IN KILOMETRES

Continuous Descent Operations (CDO)

1. CDO are performed during period of low traffic density at ATC discretion.
2. After receiving a "WHEN READY DESCEND TO (LEVEL)" or "DESCEND TO (LEVEL) AT PILOTS DISCRETION" clearance the pilot is free to plan/optimize the vertical profile in order to apply CDO technique up to the FAP.
3. Specified minimum level at waypoint must be adhered unless specifically cancelled by ATC.
4. Maintain MAX IAS 220 kt at a distance of 20 track miles from touchdown.
5. When radar vectors are issued or expected, ATC will provide an estimated track distance from touchdown.
6. For operational regulations refer to UKBB AD 2.22 and ENR 1.5.

CHANGE: BB454, BB468 NOTE 3; New UKT848.

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INSTRUMENT ARRIVAL **RNAV RWY18R**

GOTAP 2T (GOTAP TWO TANGO)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	GOTAP	-	-	-	-	+3050	-	RNAV-1 (P-RNAV)
TF	BBE03	N	287 (294,2)	36.4	-	-	-	RNAV-1 (P-RNAV)
TF	BB454	N	287 (294,1)	24.8	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB452	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB450	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB448	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB446	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB444	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB442	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB440	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB438	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB436	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	RISVI	N	182 (189,3)	7.5	-	+900	-407 (220)	RNAV-1 (P-RNAV)

CY 1T (Chervonyi ONE TANGO)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	CY	-	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBE03	N	349 (355,6)	35.7	-	-	-	RNAV-1 (P-RNAV)
TF	BB454	N	287 (294,1)	24.8	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB452	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB450	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB448	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB446	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB444	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB442	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB440	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB438	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB436	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	RISVI	N	182 (189,3)	7.5	-	+900	-407 (220)	RNAV-1 (P-RNAV)

KONIP 4T (KONIP FOUR TANGO)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	KONIP	-	-	-	-	+3050	-	RNAV-1 (P-RNAV)
TF	ASVEN	N	346 (353,4)	23.1	-	-	-	RNAV-1 (P-RNAV)
TF	CY	N	349 (355,6)	13.0	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBE03	N	349 (355,6)	35.7	-	-	-	RNAV-1 (P-RNAV)
TF	BB454	N	287 (294,1)	24.8	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB452	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB450	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB448	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB446	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB444	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB442	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB440	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB438	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB436	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	RISVI	N	182 (189,3)	7.5	-	+900	-407 (220)	RNAV-1 (P-RNAV)

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KUVAL 4T (KUVAL FOUR TANGO)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	KUVAL	-	-	-	-	+FL120	-	RNAV-1 (P-RNAV)
TF	BBN01	N	159 (166,3)	110.8	-	+FL120	-	RNAV-1 (P-RNAV)
TF	BB456	N	193 (200,1)	43.8	-	-	-	RNAV-1 (P-RNAV)
TF	BB454	N	266 (272,7)	9.3	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB452	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB450	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB448	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB446	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB444	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB442	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB440	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB438	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB436	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	RISVI	N	182 (189,3)	7.5	-	+900	-407 (220)	RNAV-1 (P-RNAV)

NANIR 4T (NANIR FOUR TANGO)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	NANIR	-	-	-	-	+FL110	-	RNAV-1 (P-RNAV)
TF	BB470	N	132 (138,6)	34.0	-	+1500	-	RNAV-1 (P-RNAV)
TF	GILEV	N	132 (138,6)	7.0	-	+1200	-	RNAV-1 (P-RNAV)
TF	BB468	N	086 (092,6)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB466	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB464	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB462	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB460	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB442	N	086 (092,6)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB440	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB438	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB436	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	RISVI	N	182 (189,3)	7.5	-	+900	-407 (220)	RNAV-1 (P-RNAV)

NEMIP 4T (NEMIP FOUR TANGO)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	NEMIP	-	-	-	-	+FL120	-	RNAV-1 (P-RNAV)
TF	BBN01	N	201 (207,6)	153.3	-	+FL120	-	RNAV-1 (P-RNAV)
TF	BB456	N	193 (200,1)	43.8	-	-	-	RNAV-1 (P-RNAV)
TF	BB454	N	266 (272,7)	9.3	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB452	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB450	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB448	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB446	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB444	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB442	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB440	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB438	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB436	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	RISVI	N	182 (189,3)	7.5	-	+900	-407 (220)	RNAV-1 (P-RNAV)

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SLV 2T (Soloviivka TWO TANGO)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	SLV	-	-	-	-	+FL110	-	RNAV-1 (P-RNAV)
TF	BBW01	N	057 (064,4)	56.6	-	+2750	-	RNAV-1 (P-RNAV)
TF	BB468	N	057 (064,4)	38.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB466	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB464	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB462	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB460	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB442	N	086 (092,6)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB440	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB438	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB436	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	RISVI	N	182 (189,3)	7.5	-	+900	-407 (220)	RNAV-1 (P-RNAV)

SULUM 2T (SULUM TWO TANGO)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	SULUM	-	-	-	-	+FL170	-	RNAV-1 (P-RNAV)
TF	ASVEN	N	042 (049,3)	67.6	-	-	-	RNAV-1 (P-RNAV)
TF	CY	N	349 (355,6)	13.0	-	+1200	-	RNAV-1 (P-RNAV)
TF	BBE03	N	349 (355,6)	35.7	-	-	-	RNAV-1 (P-RNAV)
TF	BB454	N	287 (294,1)	24.8	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB452	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB450	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB448	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB446	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB444	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB442	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB440	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB438	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB436	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	RISVI	N	182 (189,3)	7.5	-	+900	-407 (220)	RNAV-1 (P-RNAV)

VEBIX 2T (VEBIX TWO TANGO)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	VEBIX	-	-	-	-	+2450	-	RNAV-1 (P-RNAV)
TF	BBE03	N	323 (330,5)	72.0	-	-	-	RNAV-1 (P-RNAV)
TF	BB454	N	287 (294,1)	24.8	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB452	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB450	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB448	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB446	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB444	N	356 (002,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB442	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB440	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB438	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB436	N	176 (182,7)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	RISVI	N	182 (189,3)	7.5	-	+900	-407 (220)	RNAV-1 (P-RNAV)

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WAYPOINTS		
Waypoint name	***Coordinates***	
RISVI (IAF)	503255,0N	0305345,0E
BB436	503655,0N	0305447,0E
BB438	504054,0N	0305505,0E
BB440	504453,0N	0305523,0E
BB442	504852,0N	0305541,0E
BB444	504838,0N	0310337,0E
BB446	504439,0N	0310319,0E
BB448	504040,0N	0310301,0E
BB450	503641,0N	0310243,0E
BB452	503242,0N	0310225,0E
BB454	502843,0N	0310207,0E
BB456	502829,0N	0310959,0E
BB460	504906,0N	0304745,0E
BB462	504507,0N	0304727,0E
BB464	504108,0N	0304709,0E
BB466	503709,0N	0304651,0E
BB468	503310,0N	0304633,0E
BB470	503613,0N	0303447,0E
BBE03	502317,0N	0312113,0E
BBN01	505041,0N	0312243,0E
BBW01	502417,0N	0301718,0E
ASVEN	495706,0N	0312422,0E
GILEV	503324,0N	0303841,0E
CY	500406,0N	0312332,0E
SLV	501112,5N	0293412,5E
GOTAP	501518N	0314912E
KONIP	494442N	0312636E
KUVAL	514847N	0310026E
NANIR	505000N	0301542E
NEMIP	520413N	0322311E
SULUM	493328N	0304133E
VEBIX	494934N	0315109E

HOLDINGS							
Path description	***Fix identifier (Waypoint name)***	***Inbound Track °M (°T)***	***Distance km***	***Time MIN***	***Turn direction***	***Minimum Altitude, m AMSL / Flight Level***	***Speed limit km/h (kt)***
Hold	BB440	176 (182,7)	-	1	R	900	-407 (220)
Hold	BBN01	193 (200,1)	-	1	L	1850	-
Hold	GOTAP	287 (294,2)	-	1	L	1850	-
Hold	KONIP	346 (353,4)	-	1	L	1850	-
Hold	NANIR	132 (138,6)	-	1	L	1200	-
Hold	SULUM	042 (049,3)	-	1	R	1850	-
Hold	VEBIX	323 (330,5)	-	1	L	1850	-
Hold	SLV	057 (064,4)	-	1	L	1850	-
Hold	CY	302 (309,4)	-	1	R	1200	-

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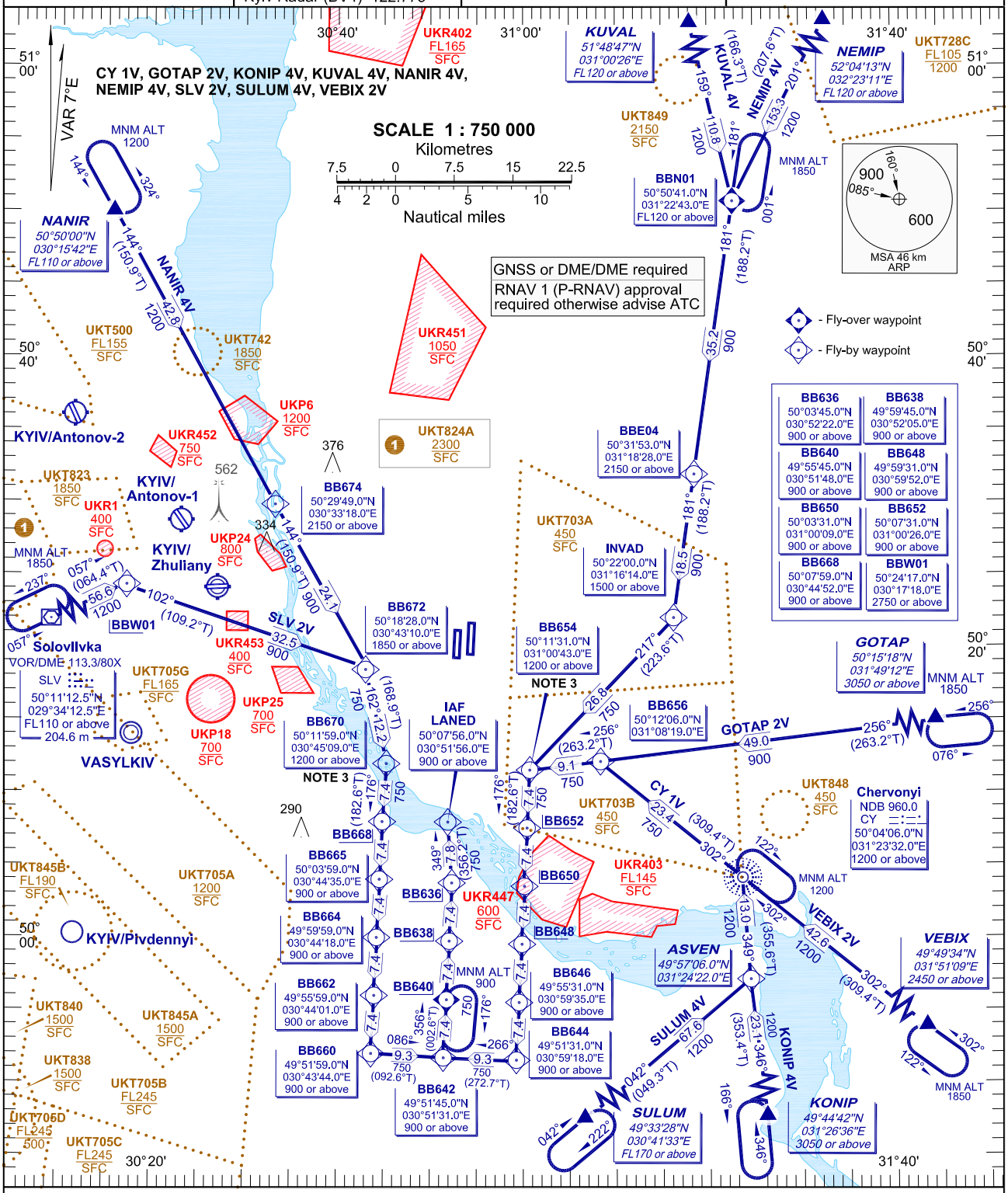
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

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

TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV1) 127.725 Kyiv Radar (BV2) 124.675 Kyiv Radar (BV4) 122.775	Boryspil TWR (18L/36R) 119.300 Boryspil TWR (18R/36L) 119.650	Boryspil ATIS (Eng) 126.700 Boryspil ATIS (Rus) 134.250



NOTE:
1. Expect direct routing/shortcuts by ATC whenever possible.
2. On downwind expect vector to final.
3. Speed restriction: MAX IAS 407 km/h (220 kt) at waypoints from BB654 to LANED and from BB670 to LANED.
4. Altitude assignments will be issued by ATC.
5. BB640, BBN01 and CY are Fly-by for arrival procedures and Fly-over for holding patterns.
6. The initial call the Kyiv-Radar (sector BV4 FREQ 122.775) shall contain only callsing and the point ACFT flying towards to (or ACFT heading when radar vectors provided by ATC.)

BEARINGS AND TRACKS ARE MAGNETIC,
ALTITUDES, HEIGHTS AND ELEVATIONS ARE IN METRES,
DISTANCES ARE IN KILOMETRES

Continuous Descent Operations (CDO)

1. CDO are performed during period of low traffic density at ATC discretion.
2. After receiving a "WHEN READY DESCEND TO (LEVEL)" or "DESCEND TO (LEVEL) AT PILOTS DISCRETION" clearance the pilot is free to plan/optimize the vertical profile in order to apply CDO technique up to the FAP.
3. Specified minimum level at waypoint must be adhered unless specifically cancelled by ATC.
4. Maintain MAX IAS 220 kt at a distance of 20 track miles from touchdown.
5. When radar vectors are issued or expected, ATC will provide an estimated track distance from touchdown.
6. For operational regulations refer to UKBB AD 2.22 and ENR 1.5.

CHANGE: BB654, BB670, NOTE 3; New UKT848.

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INSTRUMENT ARRIVAL **RNAV RWY36L**

GOTAP 2V (GOTAP TWO VICTOR)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	GOTAP	-	-	-	-	+3050	-	RNAV-1 (P-RNAV)
TF	BB656	N	256 (263,3)	49.0	-	-	-	RNAV-1 (P-RNAV)
TF	BB654	N	256 (263,2)	9.1	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB652	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB650	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB648	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB646	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB644	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB642	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB640	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB638	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB636	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	LANED	N	349 (356,2)	7.8	-	+900	-407 (220)	RNAV-1 (P-RNAV)

CY 1V (Chervonyi ONE VICTOR)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	CY	-	-	-	-	+1200	-	RNAV-1 (P-RNAV)
TF	BB656	N	302 (309,4)	23.4	-	-	-	RNAV-1 (P-RNAV)
TF	BB654	N	256 (263,2)	9.1	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB652	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB650	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB648	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB646	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB644	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB642	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB640	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB638	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB636	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	LANED	N	349 (356,2)	7.8	-	+900	-407 (220)	RNAV-1 (P-RNAV)

KONIP 4V (KONIP FOUR VICTOR)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	KONIP	-	-	-	-	+3050	-	RNAV-1 (P-RNAV)
TF	ASVEN	N	346 (353,4)	23.1	-	-	-	RNAV-1 (P-RNAV)
TF	CY	N	349 (355,6)	13.0	-	+1200	-	RNAV-1 (P-RNAV)
TF	BB656	N	302 (309,4)	23.4	-	-	-	RNAV-1 (P-RNAV)
TF	BB654	N	256 (263,2)	9.1	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB652	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB650	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB648	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB646	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB644	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB642	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB640	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB638	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB636	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	LANED	N	349 (356,2)	7.8	-	+900	-407 (220)	RNAV-1 (P-RNAV)

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KUVAL 4V (KUVAL FOUR VICTOR)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	KUVAL	-	-	-	-	+FL120	-	RNAV-1 (P-RNAV)
TF	BBN01	N	159 (166,3)	110.8	-	+FL120	-	RNAV-1 (P-RNAV)
TF	BBE04	N	181 (188,2)	35.2	-	+2150	-	RNAV-1 (P-RNAV)
TF	INVAD	N	181 (188,2)	18.5	-	+1500		RNAV-1 (P-RNAV)
TF	BB654	N	217 (223,6)	26.8	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB652	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB650	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB648	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB646	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB644	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB642	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB640	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB638	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB636	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	LANED	N	349 (356,2)	7.8	-	+900	-407 (220)	RNAV-1 (P-RNAV)

NANIR 4V (NANIR FOUR VICTOR)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	NANIR	-	-	-	-	+FL110	-	RNAV-1 (P-RNAV)
TF	BB674	N	144 (150,9)	42.8	-	+2150	-	RNAV-1 (P-RNAV)
TF	BB672	N	144 (150,9)	24.1	-	+1850	-	RNAV-1 (P-RNAV)
TF	BB670	N	162 (168,9)	12.2	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB668	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB665	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB664	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB662	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB660	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB642	N	086 (092,6)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB640	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB638	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB636	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	LANED	N	349 (356,2)	7.8	-	+900	-407 (220)	RNAV-1 (P-RNAV)

NEMIP 4V (NEMIP FOUR VICTOR)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	NEMIP	-	-	-	-	+FL120	-	RNAV-1 (P-RNAV)
TF	BBN01	N	201 (207,6)	153.3	-	+FL120	-	RNAV-1 (P-RNAV)
TF	BBE04	N	181 (188,2)	35.2	-	+2150	-	RNAV-1 (P-RNAV)
TF	INVAD	N	181 (188,2)	18.5	-	+1500		RNAV-1 (P-RNAV)
TF	BB654	N	217 (223,6)	26.8	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB652	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB650	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB648	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB646	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB644	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB642	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB640	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB638	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB636	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	LANED	N	349 (356,2)	7.8	-	+900	-407 (220)	RNAV-1 (P-RNAV)

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SLV 2V (Soloviivka TWO VICTOR)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	SLV	-	-	-	-	+FL110	-	RNAV-1 (P-RNAV)
TF	BBW01	N	057 (064,4)	56.6	-	+2750	-	RNAV-1 (P-RNAV)
TF	BB672	N	102 (109,2)	32.5	-	+1850	-	RNAV-1 (P-RNAV)
TF	BB670	N	162 (168,9)	12.2	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB668	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB665	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB664	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB662	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB660	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB642	N	086 (092,6)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB640	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB638	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB636	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	LANED	N	349 (356,2)	7.8	-	+900	-407 (220)	RNAV-1 (P-RNAV)

SULUM 4V (SULUM FOUR VICTOR)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	SULUM	-	-	-	-	+FL170	-	RNAV-1 (P-RNAV)
TF	ASVEN	N	042 (049,3)	67.6	-	-	-	RNAV-1 (P-RNAV)
TF	CY	N	349 (355,6)	13.0	-	+1200	-	RNAV-1 (P-RNAV)
TF	BB656	N	302 (309,4)	23.4	-	-	-	RNAV-1 (P-RNAV)
TF	BB654	N	256 (263,2)	9.1	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB652	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB650	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB648	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB646	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB644	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB642	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB640	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB638	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB636	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	LANED	N	349 (356,2)	7.8	-	+900	-407 (220)	RNAV-1 (P-RNAV)

VEBIX 2V (VEBIX TWO VICTOR)

Path description	*Fix identifier (Waypoint name)*	*Flyover*	*Course ° M (° T)*	*Distance km*	*Turn direction*	*Altitude, m AMSL / Flight Level*	*Speed limit km/h (kt)*	*Navigation Specification*
IF	VEBIX	-	-	-	-	+2450	-	RNAV-1 (P-RNAV)
TF	CY	N	302 (309,4)	42.6	-	+1200	-	RNAV-1 (P-RNAV)
TF	BB656	N	302 (309,4)	23.4	-	-	-	RNAV-1 (P-RNAV)
TF	BB654	N	256 (263,2)	9.1	-	+1200	-407 (220)	RNAV-1 (P-RNAV)
TF	BB652	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB650	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB648	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB646	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB644	N	176 (182,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB642	N	266 (272,7)	9.3	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB640	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB638	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	BB636	N	356 (002,6)	7.4	-	+900	-407 (220)	RNAV-1 (P-RNAV)
TF	LANED	N	349 (356,2)	7.8	-	+900	-407 (220)	RNAV-1 (P-RNAV)

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WAYPOINTS		
Waypoint name	***Coordinates***	
LANED (IAF)	500756,0N	0305156,0E
BB636	500345,0N	0305222,0E
BB638	495945,0N	0305205,0E
BB640	495545,0N	0305148,0E
BB642	495145,0N	0305131,0E
BB644	495131,0N	0305918,0E
BB646	495531,0N	0305935,0E
BB648	495931,0N	0305952,0E
BB650	500331,0N	0310009,0E
BB652	500731,0N	0310026,0E
BB654	501131,0N	0310043,0E
BB656	501206,0N	0310819,0E
BB660	495159,0N	0304344,0E
BB662	495559,0N	0304401,0E
BB664	495959,0N	0304418,0E
BB665	500359,0N	0304435,0E
BB668	500759,0N	0304452,0E
BB670	501159,0N	0304509,0E
BB672	501828,0N	0304310,0E
BB674	502949,0N	0303318,0E
BBE04	503153,0N	0311828,0E
BBN01	505041,0N	0312243,0E
BBW01	502417,0N	0301718,0E
ASVEN	495706,0N	0312422,0E
INVAD	502200,0N	0311614,0E
CY	500406,0N	0312332,0E
SLV	501112,5N	0293412,5E
GOTAP	501518N	0314912E
KONIP	494442N	0312636E
KUVAL	514847N	0310026E
NANIR	505000N	0301542E
NEMIP	520413N	0322311E
SULUM	493328N	0304133E
VEBIX	494934N	0315109E

HOLDINGS							
Path description	***Fix identifier (Waypoint name)***	***Inbound Track °M (° T)***	***Distance km***	***Time MIN***	***Turn direction***	***Minimum Altitude, m AMSL / Flight Level***	***Speed limit km/h (kt)***
Hold	BB640	356 (002,6)	-	1	R	900	-407 (220)
Hold	BBN01	181 (188,2)	-	1	L	1850	-
Hold	GOTAP	256 (263,3)	-	1	L	1850	-
Hold	KONIP	346 (353,4)	-	1	L	1850	-
Hold	NANIR	144 (150,9)	-	1	L	1200	-
Hold	SULUM	042 (049,3)	-	1	R	1850	-
Hold	VEBIX	302 (309,4)	-	1	L	1850	-
Hold	SLV	057 (064,4)	-	1	L	1850	-
Hold	CY	302 (309,4)	-	1	R	1200	-

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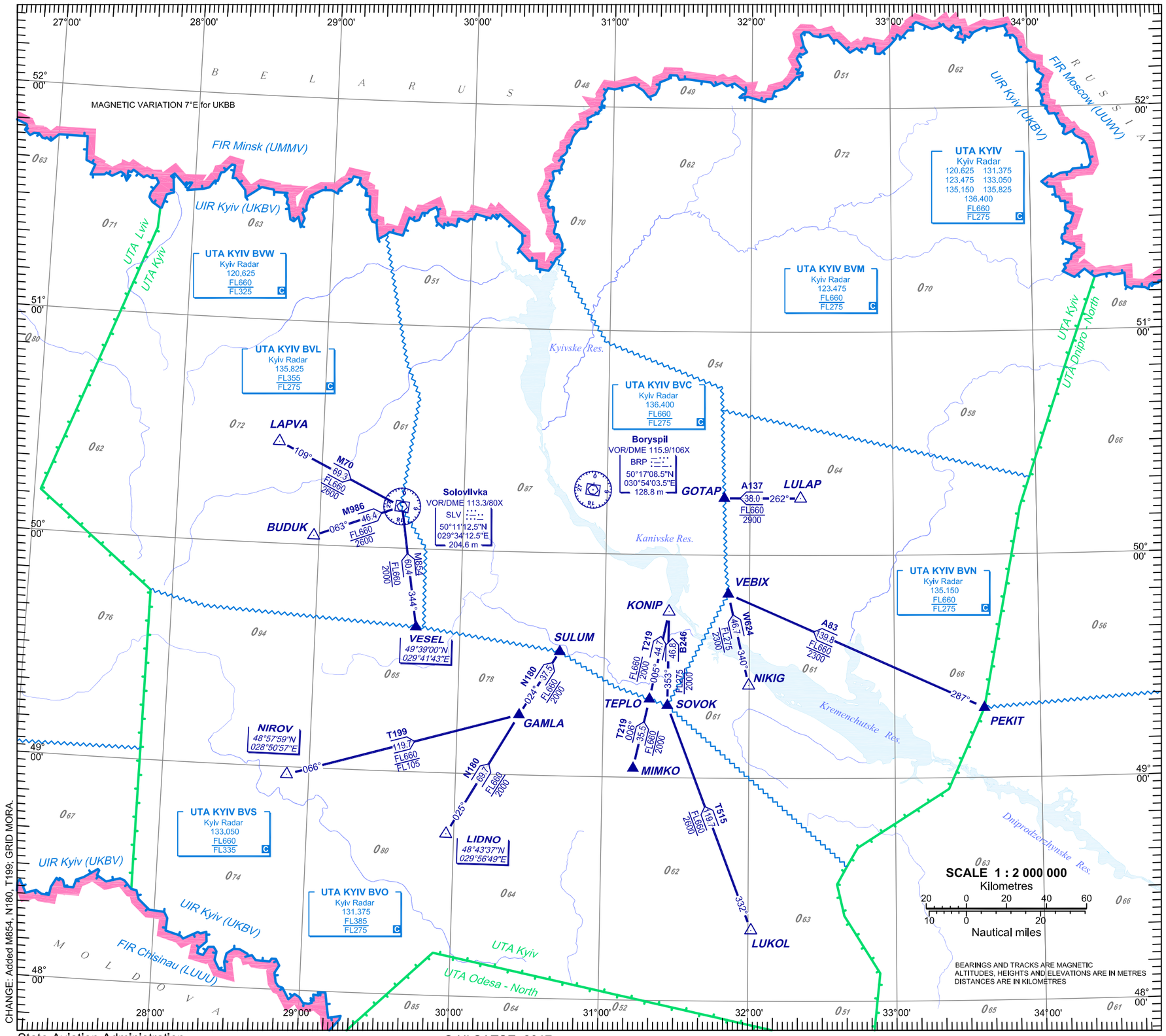
FRA ARRIVAL CONNECTING ROUTES

KYIV/Boryspil



FRA Arrival Connecting Routes		
Aerodrome	STAR start point	FRA Connecting Routes
UKBB	GOTAP	LULAP A137 GOTAP
	VEBIX	PEKIT A83 VEBIX
		NIKIG W624 VEBIX
	KONIP	LUKOL T515 SOVOK B246 KONIP
		MIMKO T219 KONIP
	SULUM	NIROV T199 GAMLA N180 SULUM
		LIDNO N180 SULUM
	SLV	BUDUK M986 SLV
		LAPVA M70 SLV
		VESEL M854 SLV

CHANGE: Added M854, N180, T199; GRID MORA.

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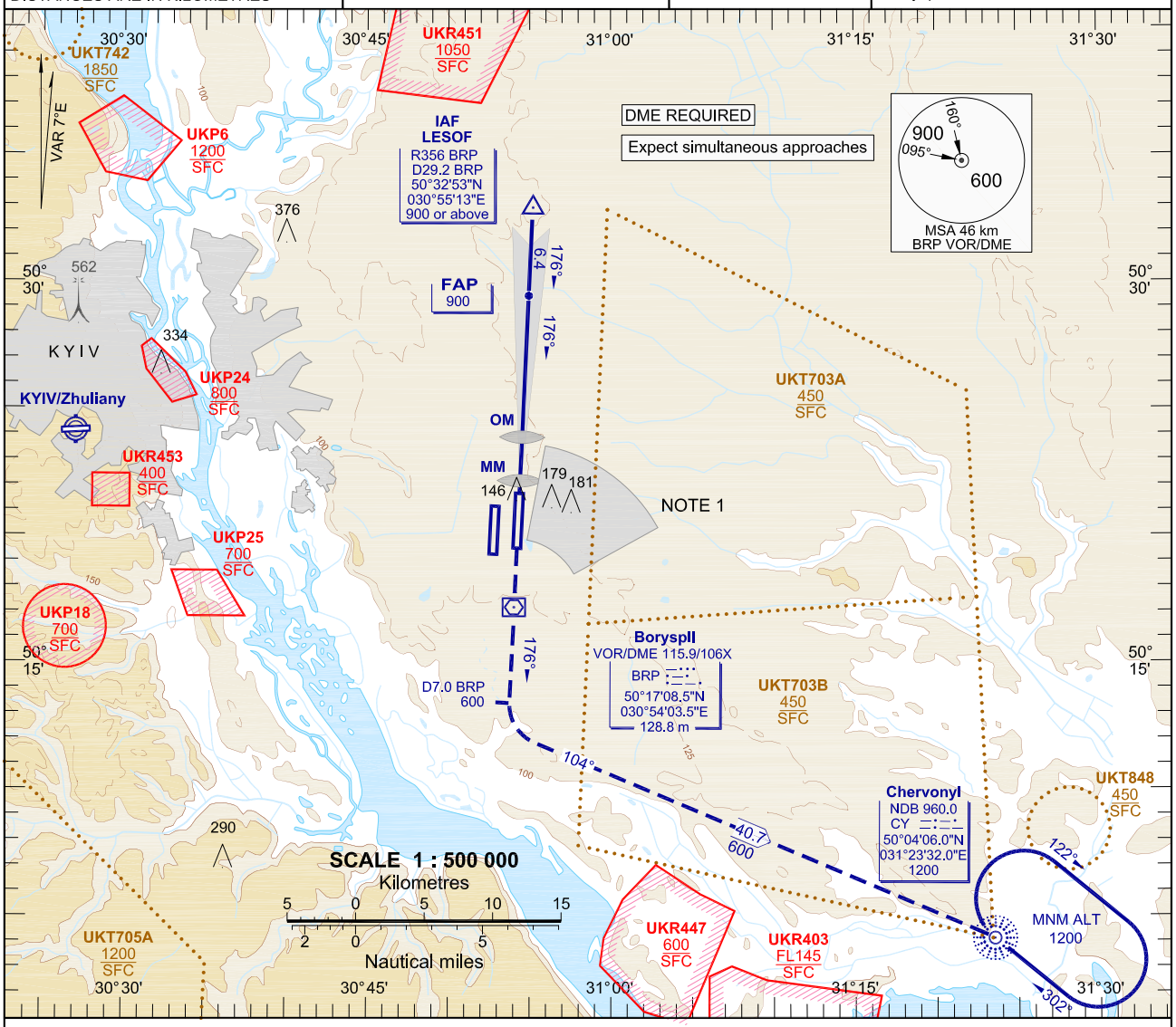
INSTRUMENT
APPROACH CHART (IAC)-ICAO

AD ELEV 130 m

HEIGHTS RELATED TO
THR RWY 18L - ELEV 125.0 m

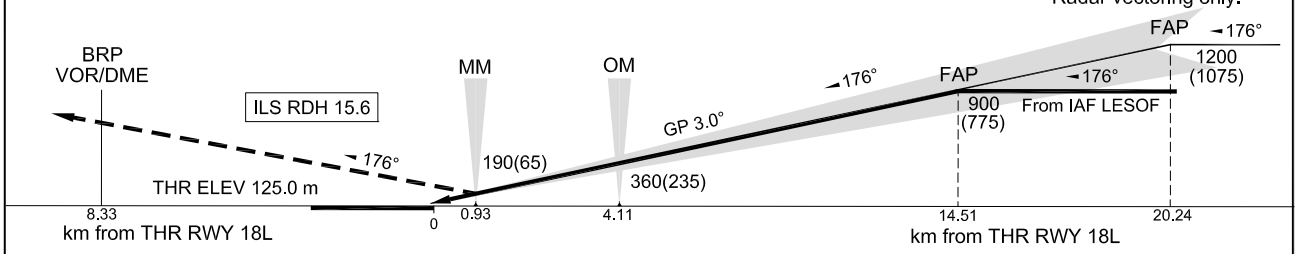
KYIV/Boryspil
ILS RWY 18L

BEARINGS AND TRACKS ARE MAGNETIC ELEV-ALT-HGT IN METRES DISTANCES ARE IN KILOMETRES	TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	LOC 111.30 IBI	Kyiv Radar (BV4) 122.775 Boryspil TWR 119.300



MISSED APPROACH:
On track 176° climb 600(475) to D7.0 BRP DME,
turn LEFT on track 104° climbing 1200 to CY NDB,
HOLD OVER 5 min, then according to arrival and approach procedures.

Authorized for
simultaneous approaches.
Radar vectoring only.



OCA/H		A	B	C	D
Straight-in Approach					
	ILS CAT I	186(61)	189(64)	192(67)	195(70)
Circling		270(140)	280(150)	310(180)	340(210)

NOTE:
1. Visual manoeuvring (circling) and visual approach in the sector from R004 to R054, from D5.0 km to D12.0 km BRP VOR/DME below 750 m not authorized.
2. For arriving ACFT an initial call to Boryspil - Tower (FREQ 119.300) shall contain only callsign and landing RWY. Type of approach should be indicated only in case of visual approach is commenced.

GROUND SPEED	km/h	150	180	210	240	270	300	330	360
OM-THR 4110 m	min:s	1:39	1:22	1:10	1:02	0:55	0:49	0:45	0:41
RATE OF DESCENT	m/s	2.2	2.6	3.1	3.5	3.9	4.4	4.8	5.2

CHANGE: New UKT848.

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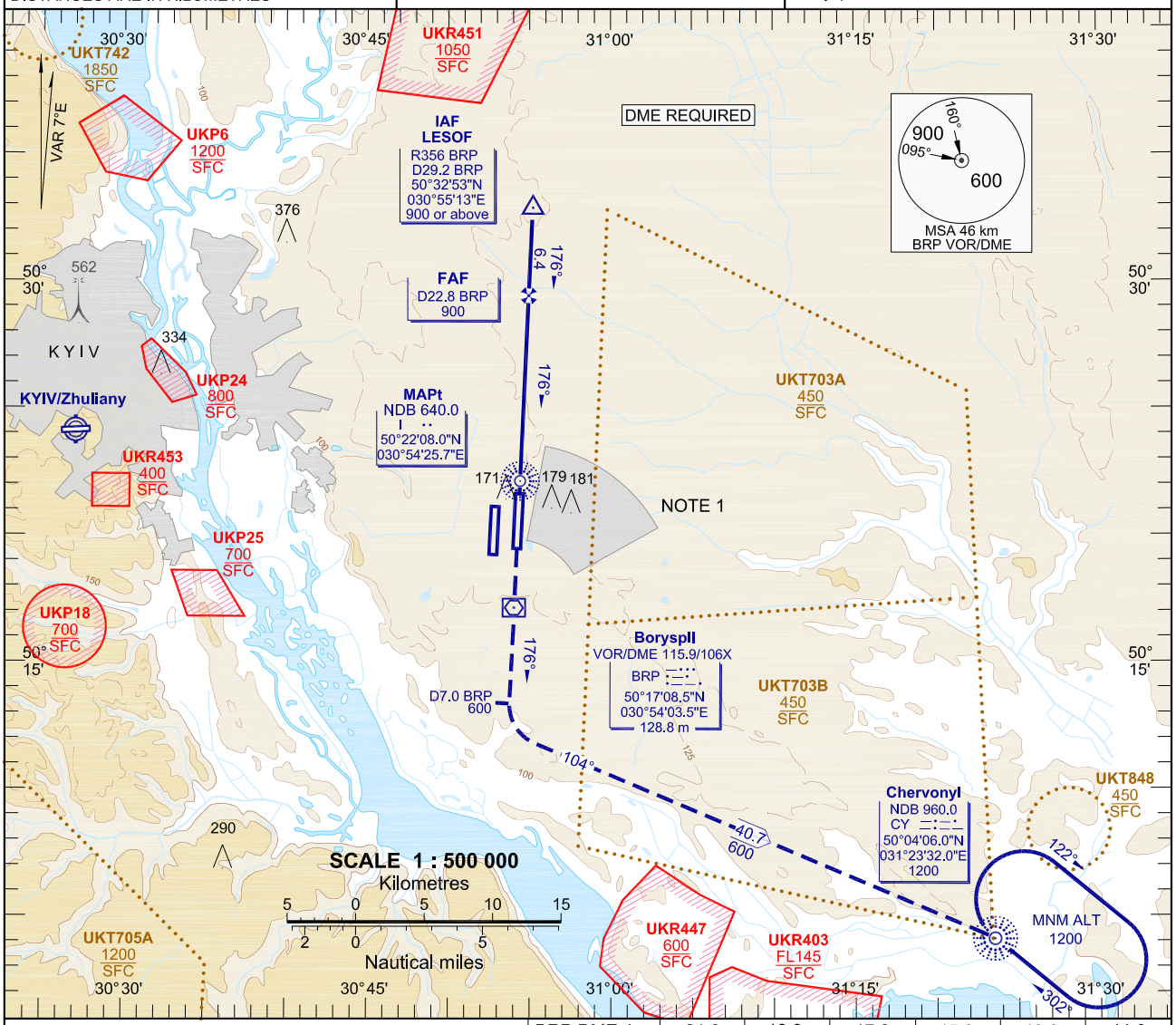
INSTRUMENT
APPROACH CHART (IAC)-ICAO

AD ELEV 130 m

HEIGHTS RELATED TO
THR RWY 18L - ELEV 125.0 m

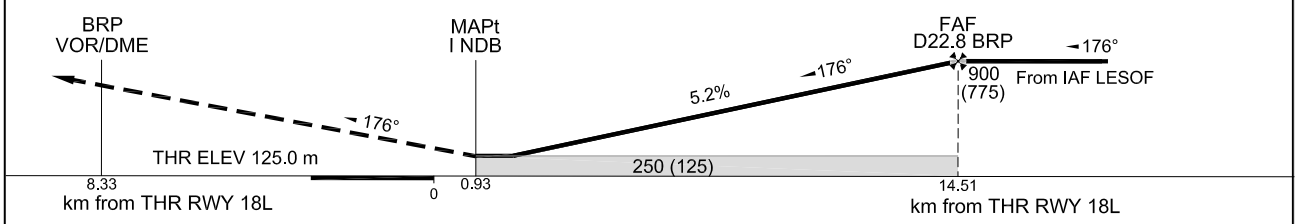
KYIV/Boryspil
NDB RWY 18L

BEARINGS AND TRACKS ARE MAGNETIC ELEV-ALT-HGT IN METRES DISTANCES ARE IN KILOMETRES	TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV4) 122.775 Boryspil TWR 119.300



MISSED APPROACH:
On track 176° climb 600(475) to D7.0 BRP DME,
turn LEFT on track 104° climbing 1200 to CY NDB,
HOLD OVER 5 min, then according to arrival and approach procedures.

BRP DME, km	21.0	19.0	17.0	15.0	13.0	11.0
DIST THR, km	12.67	10.67	8.67	6.67	4.67	2.67
ALT(HGT), m	805(680)	700(575)	595(470)	490(365)	385(260)	281(156)



OCA/H		A	B	C	D
Straight-in Approach					
	I NDB	250 (125)	250 (125)	250 (125)	250 (125)
Circling		270(140)	280(150)	310(180)	340(210)

NOTE:
1. Visual manoeuvring (circling) and visual approach in the sector from R004 to R054, from D5.0 km to D12.0 km BRP VOR/DME below 750 m not authorized.
2. For arriving ACFT an initial call to Boryspil - Tower (FREQ 119.300) shall contain only callsign and landing RWY. Type of approach should be indicated only in case of visual approach is commenced.

GROUND SPEED	km/h	150	180	210	240	270	300	330	360
FAF-MAPt 13580 m	min:s	5:26	4:32	3:53	3:24	3:01	2:43	2:28	2:16
RATE OF DESCENT	m/s	2.2	2.6	3.1	3.5	3.9	4.4	4.8	5.2

CHANGE: New UKT848.

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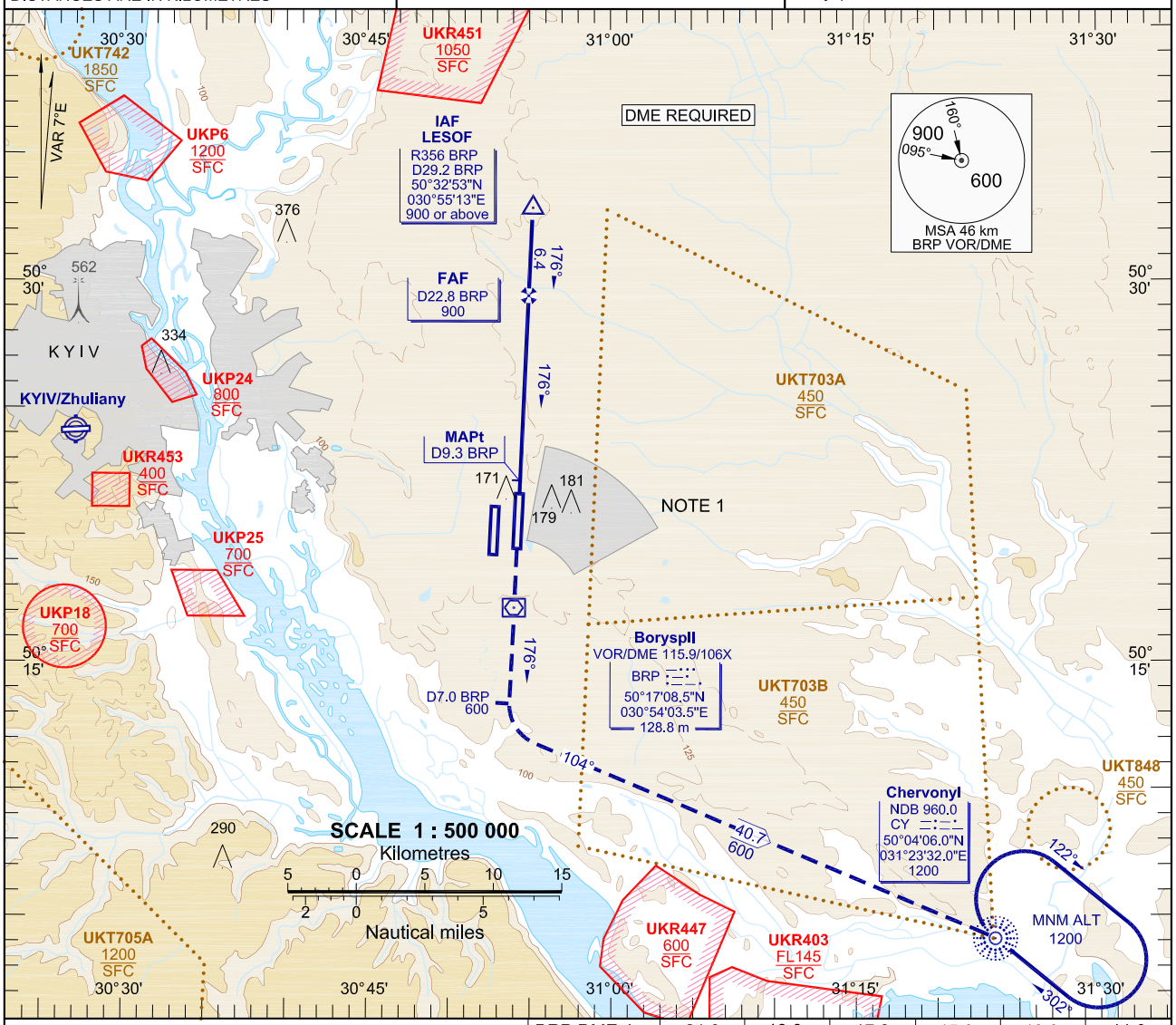
INSTRUMENT
APPROACH CHART (IAC)-ICAO

AD ELEV 130 m

HEIGHTS RELATED TO
THR RWY 18L - ELEV 125.0 m

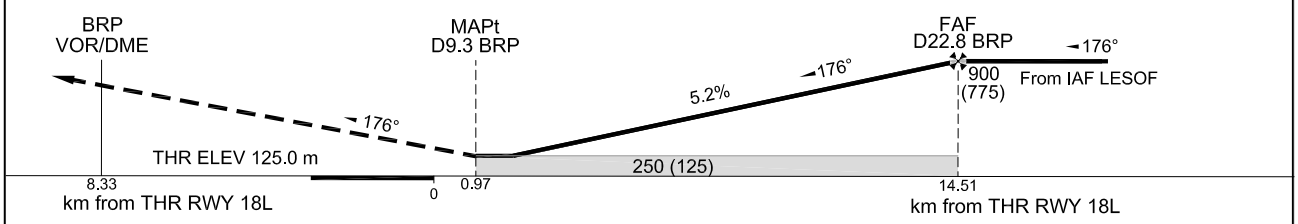
KYIV/Boryspil
VOR RWY 18L

BEARINGS AND TRACKS ARE MAGNETIC ELEV-ALT-HGT IN METRES DISTANCES ARE IN KILOMETRES	TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV4) 122.775 Boryspil TWR 119.300



MISSED APPROACH:
On track 176° climb 600(475) to D7.0 BRP DME,
turn LEFT on track 104° climbing 1200 to CY NDB,
HOLD OVER 5 min, then according to arrival and approach procedures.

BRP DME, km	21.0	19.0	17.0	15.0	13.0	11.0
DIST THR, km	12.67	10.67	8.67	6.67	4.67	2.67
ALT(HGT), m	805(680)	700(575)	595(470)	490(365)	385(260)	281(156)



OCA/H		A	B	C	D
Straight-in Approach					
	BRP VOR	250 (125)	250 (125)	250 (125)	250 (125)
Circling		270(140)	280(150)	310(180)	340(210)

NOTE:
1. Visual manoeuvring (circling) and visual approach in the sector from R004 to R054, from D5.0 km to D12.0 km BRP VOR/DME below 750 m not authorized.
2. For arriving ACFT an initial call to Boryspil - Tower (FREQ 119.300) shall contain only callsign and landing RWY. Type of approach should be indicated only in case of visual approach is commenced.

GROUND SPEED	km/h	150	180	210	240	270	300	330	360
FAF-MAPt 13540 m	min:s	5:25	4:31	3:52	3:23	3:01	2:42	2:28	2:15
RATE OF DESCENT	m/s	2.2	2.6	3.1	3.5	3.9	4.4	4.8	5.2

CHANGE: New UKT848.

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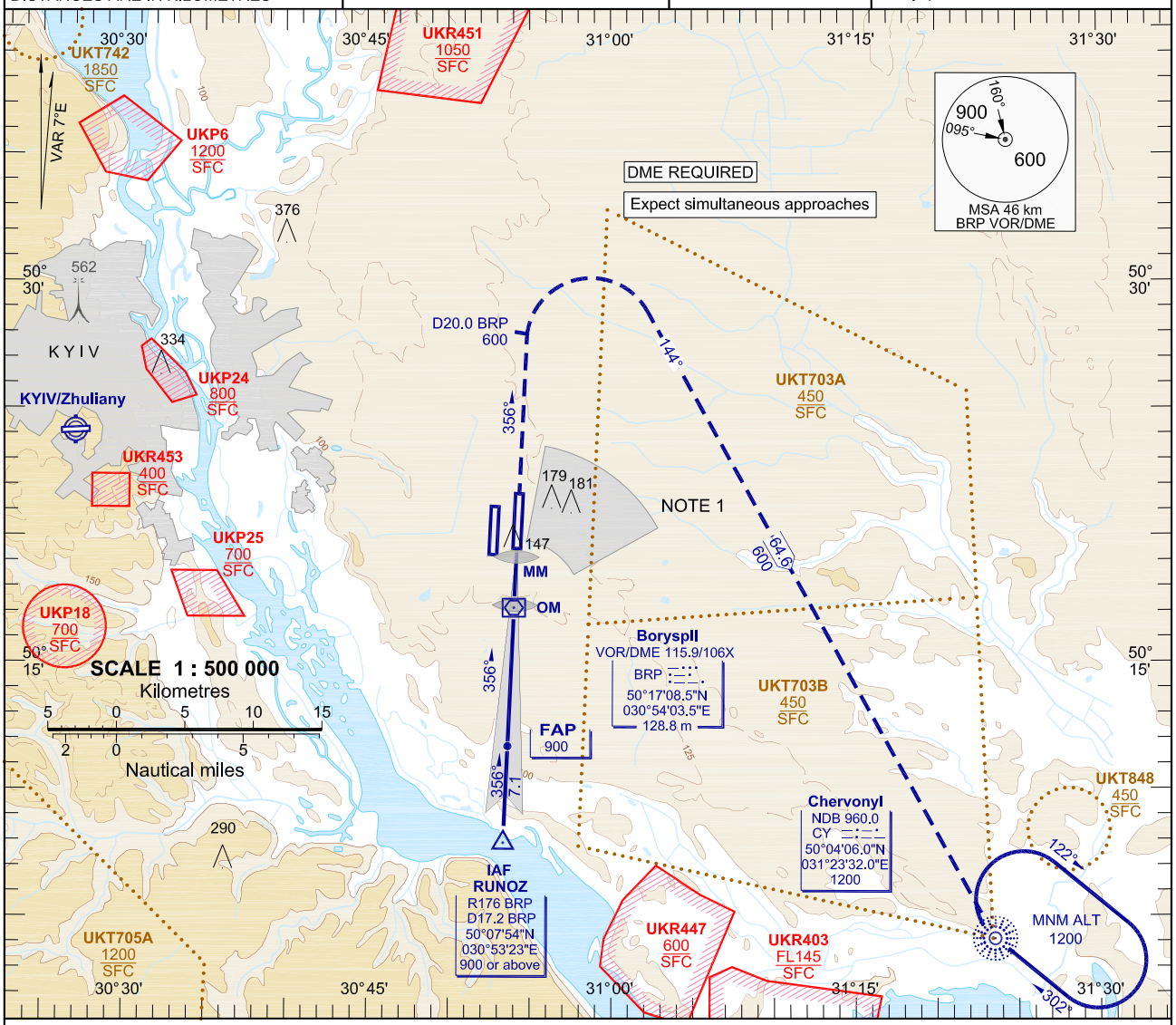
INSTRUMENT
APPROACH CHART (IAC)-ICAO

AD ELEV 130 m

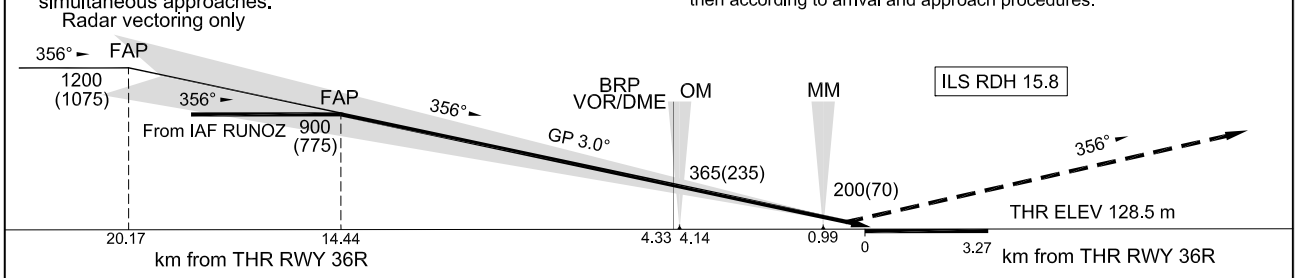
HEIGHTS RELATED TO
THR RWY 36R - ELEV 128.5 m

KYIV/Boryspil
ILS RWY 36R

BEARINGS AND TRACKS ARE MAGNETIC ELEV-ALT-HGT IN METRES DISTANCES ARE IN KILOMETRES	TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	LOC 109.70 INO	Kyiv Radar (BV4) 122.775 Boryspil TWR 119.300



MISSED APPROACH:
On track 356° climb 600(470) to D20.0 BRP DME, turn RIGHT on track 144° climbing 1200 to CY NDB, HOLD OVER 5 min, then according to arrival and approach procedures.



OCA/H		A	B	C	D
Straight-in Approach	ILS CAT I	187(58)	190(61)	193(64)	196(67)
	ILS CAT II	160(31)	165(36)	169(40)	173(44)
	RWY 36R available for CAT IIIA operation.				
Circling		270(140)	280(150)	310(180)	340(210)

GROUND SPEED	km/h	150	180	210	240	270	300	330	360
OM-THR 4140 m	min:s	1:39	1:23	1:11	1:02	0:55	0:50	0:45	0:41
RATE OF DESCENT	m/s	2.2	2.6	3.1	3.5	3.9	4.4	4.8	5.2

NOTE:
1. Visual manoeuvring (circling) and visual approach in the sector from R004 to R054, from D5.0 km to D12.0 km BRP VOR/DME below 750 m not authorized.
2. For arriving ACFT an initial call to Boryspil - Tower (FREQ 119.300) shall contain only callsign and landing RWY. Type of approach should be indicated only in case of visual approach or when simulated CAT II/III approach is commenced.
3. IFR FLIGHTS Flying Visual Approaches: In order to remain In controlled airspace an aircraft carrying out visual approach for RWY 36L/R shall maintain altitude of at least 750 m:
- from WEST until D10.0 km BRP DME;
- from EAST until D5.5 km BRP DME.

CHANGE: New UKT848.

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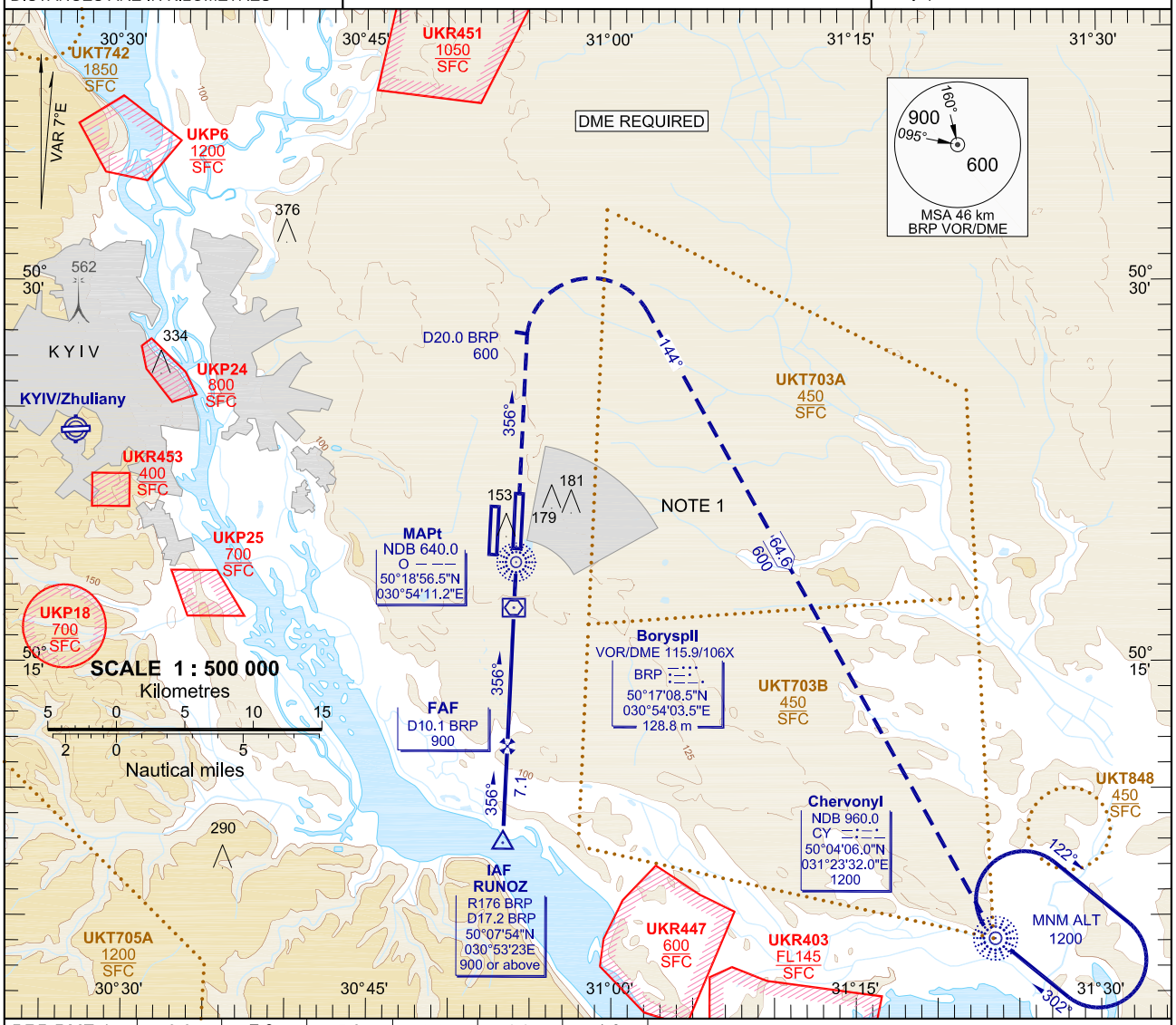
INSTRUMENT
APPROACH CHART (IAC)-ICAO

AD ELEV 130 m

HEIGHTS RELATED TO
AD - ELEV 130.0 m

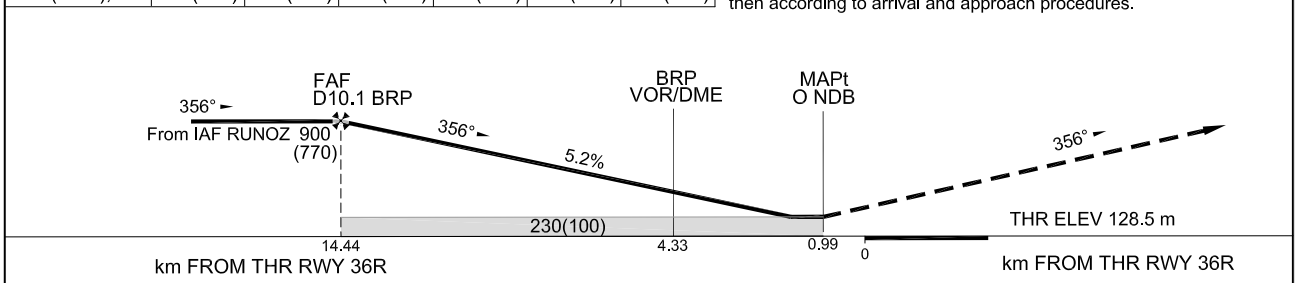
KYIV/Boryspil
NDB RWY 36R

BEARINGS AND TRACKS ARE MAGNETIC ELEV-ALT-HGT IN METRES DISTANCES ARE IN KILOMETRES	TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV4) 122.775 Boryspil TWR 119.300



BRP DME, km	9.0	7.0	5.0	3.0	1.0	-1.0
DIST THR, km	13.33	11.33	9.33	7.33	5.33	3.33
ALT(HGT), m	844(714)	740(610)	635(505)	530(400)	425(295)	320(190)

MISSED APPROACH:
On track 356° climb 600(470) to D20.0 BRP DME, turn RIGHT on track 144° climbing 1200 to CY NDB, HOLD OVER 5 min, then according to arrival and approach procedures.



OCA/H		A	B	C	D
Straight-in Approach					
	O NDB	230(100)	230(100)	230(100)	230(100)
Circling		270(140)	280(150)	310(180)	340(210)

GROUND SPEED	km/h	150	180	210	240	270	300	330	360
FAF-MAPt 13450 m	min:s	5:23	4:29	3:51	3:22	2:59	2:41	2:27	2:15
RATE OF DESCENT	m/s	2.2	2.6	3.1	3.5	3.9	4.4	4.8	5.2

NOTE:
1. Visual manoeuvring (circling) and visual approach in the sector from R004 to R054, from D5.0 km to D12.0 km BRP VOR/DME below 750 m not authorized.
2. For arriving ACFT an initial call to Boryspil - Tower (FREQ 119.300) shall contain only callsign and landing RWY. Type of approach should be indicated only in case of visual approach is commenced.
3. IFR FLIGHTS Flying Visual Approaches: In order to remain In controlled airspace an aircraft carrying out visual approach for RWY 36L/R shall maintain altitude of at least 750 m:
- from WEST until D10.0 km BRP DME;
- from EAST until D5.5 km BRP DME.

CHANGE: New UKT848.

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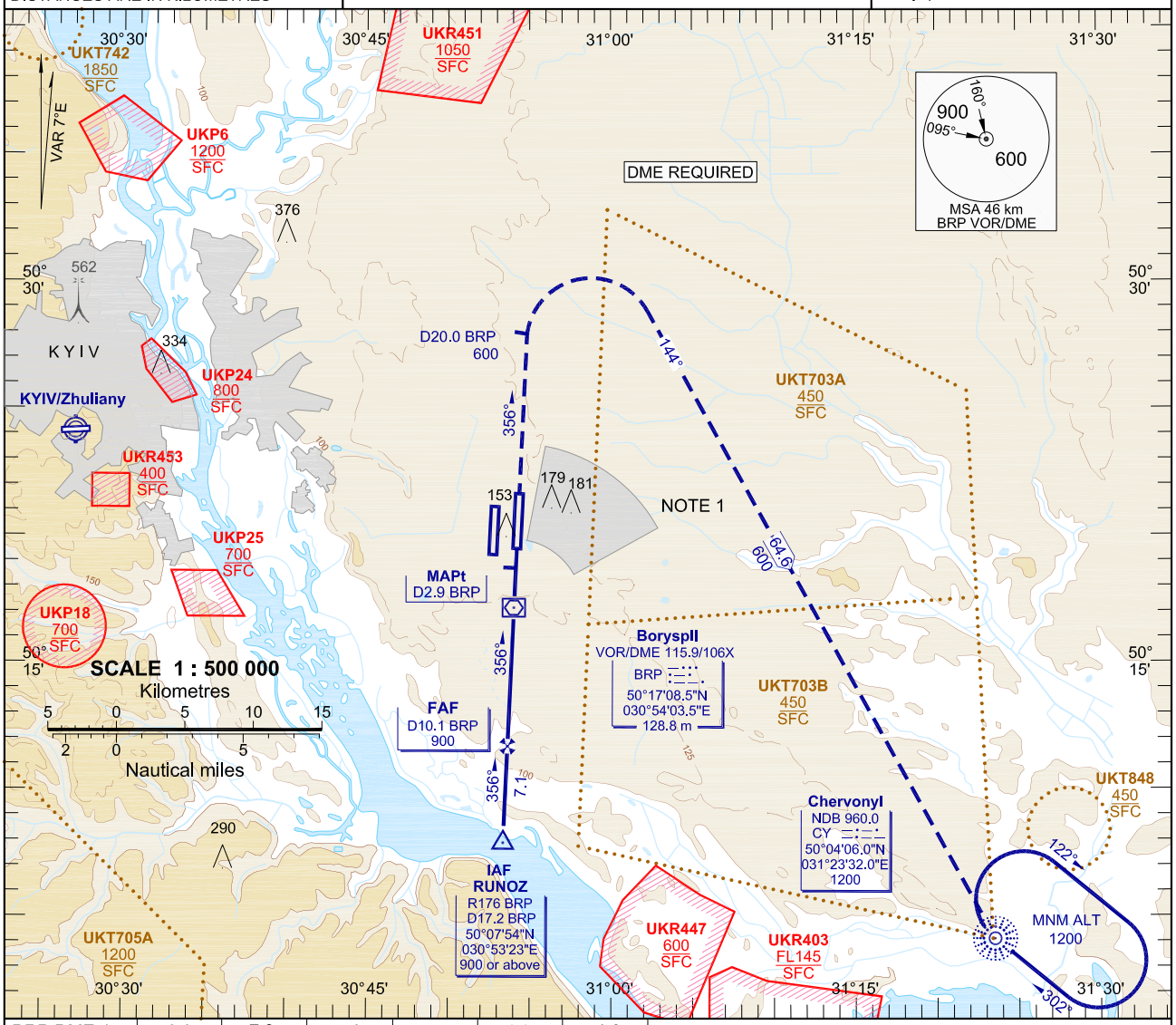
INSTRUMENT
APPROACH CHART (IAC)-ICAO

AD ELEV 130 m

HEIGHTS RELATED TO
AD - ELEV 130.0 m

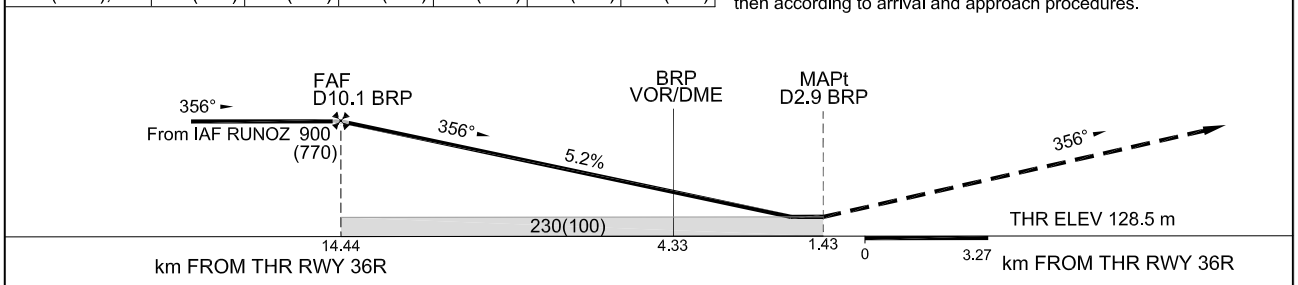
KYIV/Boryspil
VOR RWY 36R

BEARINGS AND TRACKS ARE MAGNETIC ELEV-ALT-HGT IN METRES DISTANCES ARE IN KILOMETRES	TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV4) 122.775 Boryspil TWR 119.300



BRP DME, km	9.0	7.0	5.0	3.0	1.0	-1.0
DIST THR, km	13.33	11.33	9.33	7.33	5.33	3.33
ALT(HGT), m	844(714)	740(610)	635(505)	530(400)	425(295)	320(190)

MISSED APPROACH:
On track 356° climb 600(470) to D20.0 BRP DME, turn RIGHT on track 144° climbing 1200 to CY NDB, HOLD OVER 5 min, then according to arrival and approach procedures.



OCA/H		A	B	C	D
Straight-in Approach					
	BRP VOR	230(100)	230(100)	230(100)	230(100)
Circling		270(140)	280(150)	310(180)	340(210)

GROUND SPEED	km/h	150	180	210	240	270	300	330	360
FAF-MAPt 13010 m	min:s	5:12	4:20	3:43	3:15	2:53	2:36	2:22	2:10
RATE OF DESCENT	m/s	2.2	2.6	3.1	3.5	3.9	4.4	4.8	5.2

NOTE:
1. Visual manoeuvring (circling) and visual approach in the sector from R004 to R054, from D5.0 km to D12.0 km BRP VOR/DME below 750 m not authorized.
2. For arriving ACFT an initial call to Boryspil - Tower (FREQ 119.300) shall contain only callsign and landing RWY. Type of approach should be indicated only in case of visual approach is commenced.
3. IFR FLIGHTS Flying Visual Approaches: In order to remain In controlled airspace an aircraft carrying out visual approach for RWY 36L/R shall maintain altitude of at least 750 m:
- from WEST until D10.0 km BRP DME;
- from EAST until D5.5 km BRP DME.

CHANGE: New UKT848.

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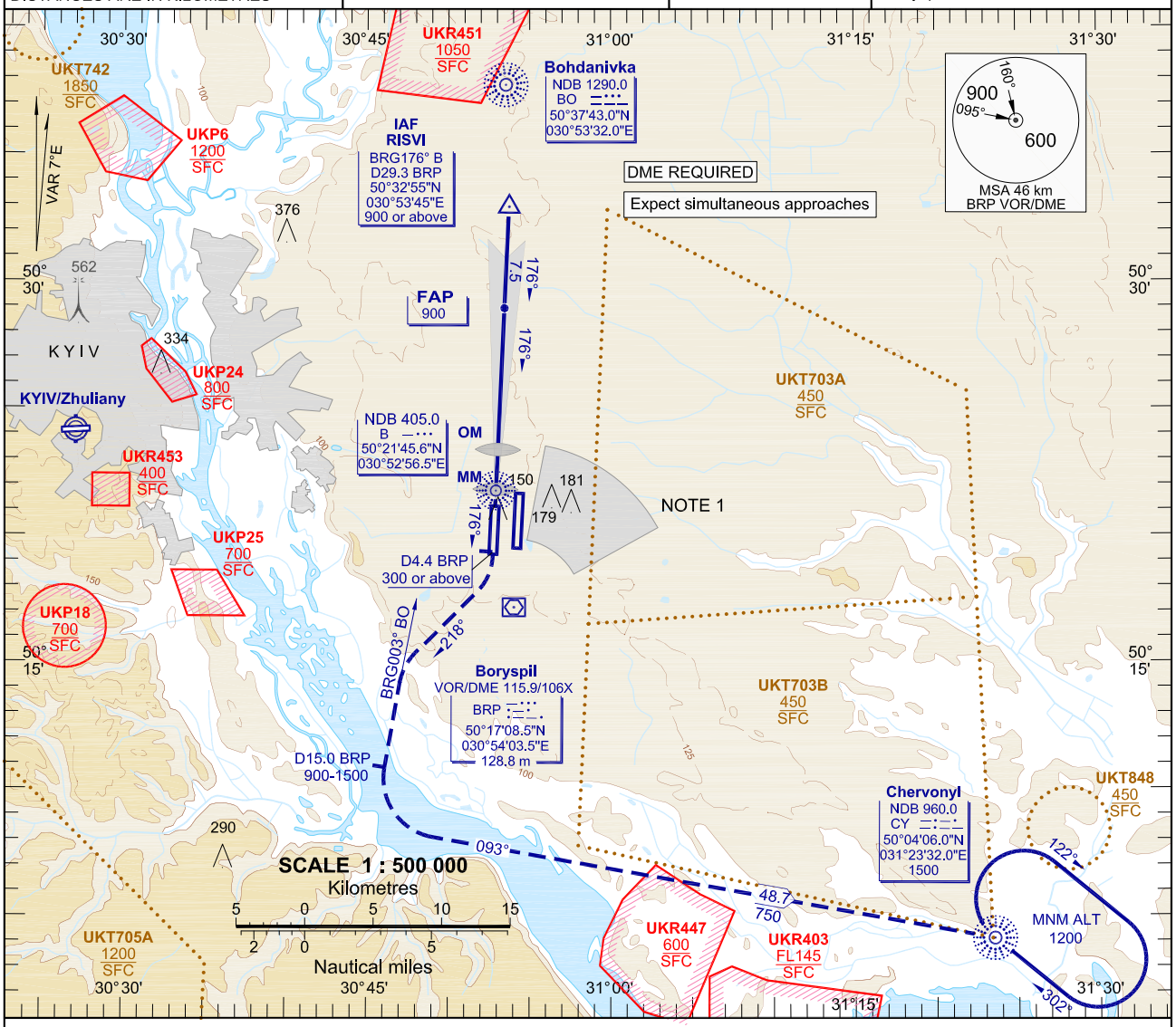
INSTRUMENT
APPROACH CHART (IAC)-ICAO

AD ELEV 130 m

HEIGHTS RELATED TO
THR RWY 18R - ELEV 127.8 m

KYIV/Boryspil
ILS RWY 18R

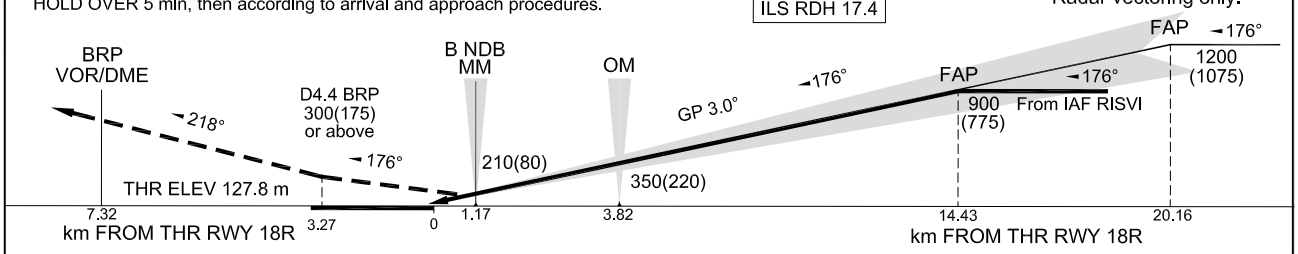
BEARINGS AND TRACKS ARE MAGNETIC ELEV-ALT-HGT IN METRES DISTANCES ARE IN KILOMETRES	TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	LOC 108.90 IKB	Kyiv Radar (BV4) 122.775 Boryspil TWR 119.650



MISSED APPROACH:
On track 176° climb 300(175) or above to D4.4 BRP DME, turn RIGHT on track 218°,
turn LEFT to intercept BRG003° BO NDB climbing 900-1500 to D15.0 BRP DME,
turn LEFT on track 093° climbing 1500 to CY NDB,
HOLD OVER 5 min, then according to arrival and approach procedures.

ILS RDH 17.4

Authorized for simultaneous approaches. Radar vectoring only.



OCA/H		A	B	C	D
Straight-in Approach					
	ILS CAT I	180(52)	183(55)	186(58)	189(61)
Circling		270(140)	280(150)	310(180)	340(210)

NOTE:
1. Visual manoeuvring (circling) and visual approach in the sector from R004 to R054, from D5.0 km to D12.0 km BRP VOR/DME below 750 m not authorized.
2. For arriving ACFT an initial call to Boryspil - Tower (FREQ 119.650) shall contain only callsign and landing RWY. Type of approach should be indicated only in case of visual approach is commenced.

GROUND SPEED	km/h	150	180	210	240	270	300	330	360
OM-THR 3820 m	min:s	1:32	1:16	1:05	0:57	0:51	0:46	0:42	0:38
RATE OF DESCENT	m/s	2.2	2.6	3.1	3.5	3.9	4.4	4.8	5.2

CHANGE: New UKT848.

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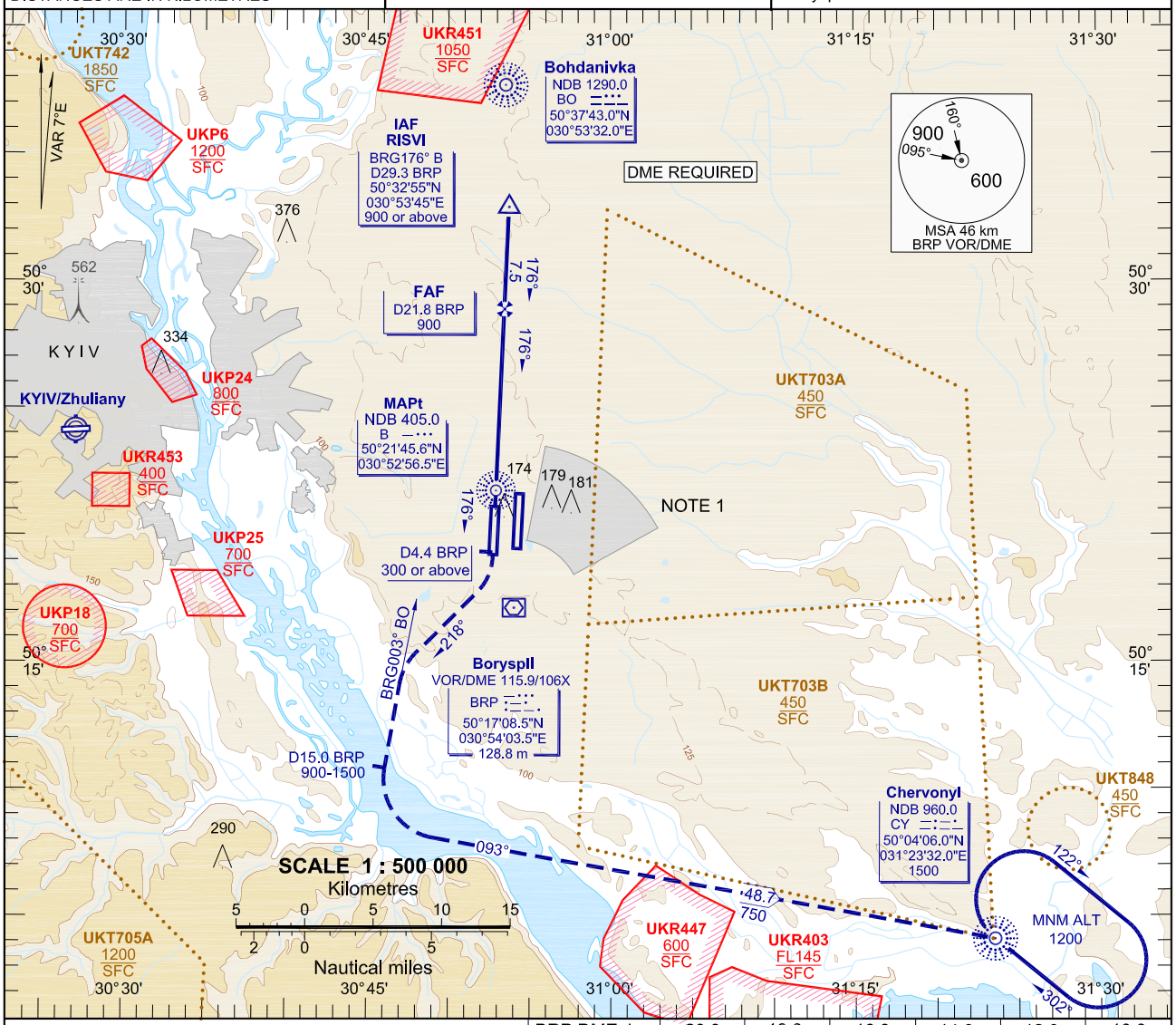
INSTRUMENT
APPROACH CHART (IAC)-ICAO

AD ELEV 130 m

HEIGHTS RELATED TO
THR RWY 18R - ELEV 127.8 m

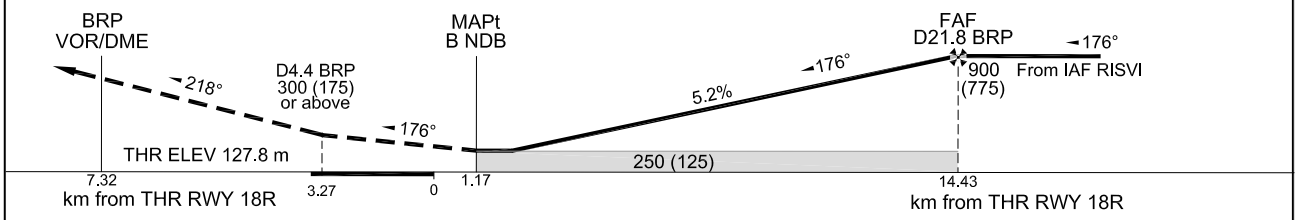
KYIV/Boryspil
NDB RWY 18R

BEARINGS AND TRACKS ARE MAGNETIC ELEV-ALT-HGT IN METRES DISTANCES ARE IN KILOMETRES	TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv Radar (BV4) 122.775 Boryspil TWR 119.650



MISSED APPROACH:
On track 176° climb 300(175) or above to D4.4 BRP DME,
turn RIGHT on track 218°, turn LEFT to intercept BRG003° BO NDB
climbing 900-1500 to D15.0 BRP DME,
turn LEFT on track 093° climbing 1500 to CY NDB,
HOLD OVER 5 min, then according to arrival and approach procedures.

BRP DME, km	20.0	18.0	16.0	14.0	12.0	10.0
DIST THR, km	12.61	10.60	8.59	6.58	4.56	2.53
ALT(HGT), m	806(678)	701(573)	595(467)	490(362)	384(256)	278(150)



OCA/H		A	B	C	D
Straight-in Approach					
	B NDB	250 (125)	250 (125)	250 (125)	250 (125)
Circling		270(140)	280(150)	310(180)	340(210)

NOTE:
1. Visual manoeuvring (circling) and visual approach in the sector from R004° to R054°,from D5.0 km to D12.0 km BRP VOR/DME below 750 m not authorized.
2. For arriving ACFT an initial call to Boryspil - Tower (FREQ 119.650) shall contain only callsign and landing RWY. Type of approach should be indicated only in case of visual approach is commenced.

GROUND SPEED	km/h	150	180	210	240	270	300	330	360
FAF-MAPt 13260 m	min:s	5:18	4:25	3:47	3:19	2:57	2:39	2:25	2:13
RATE OF DESCENT	m/s	2.2	2.6	3.1	3.5	3.9	4.4	4.8	5.2

CHANGE: New UKT848.

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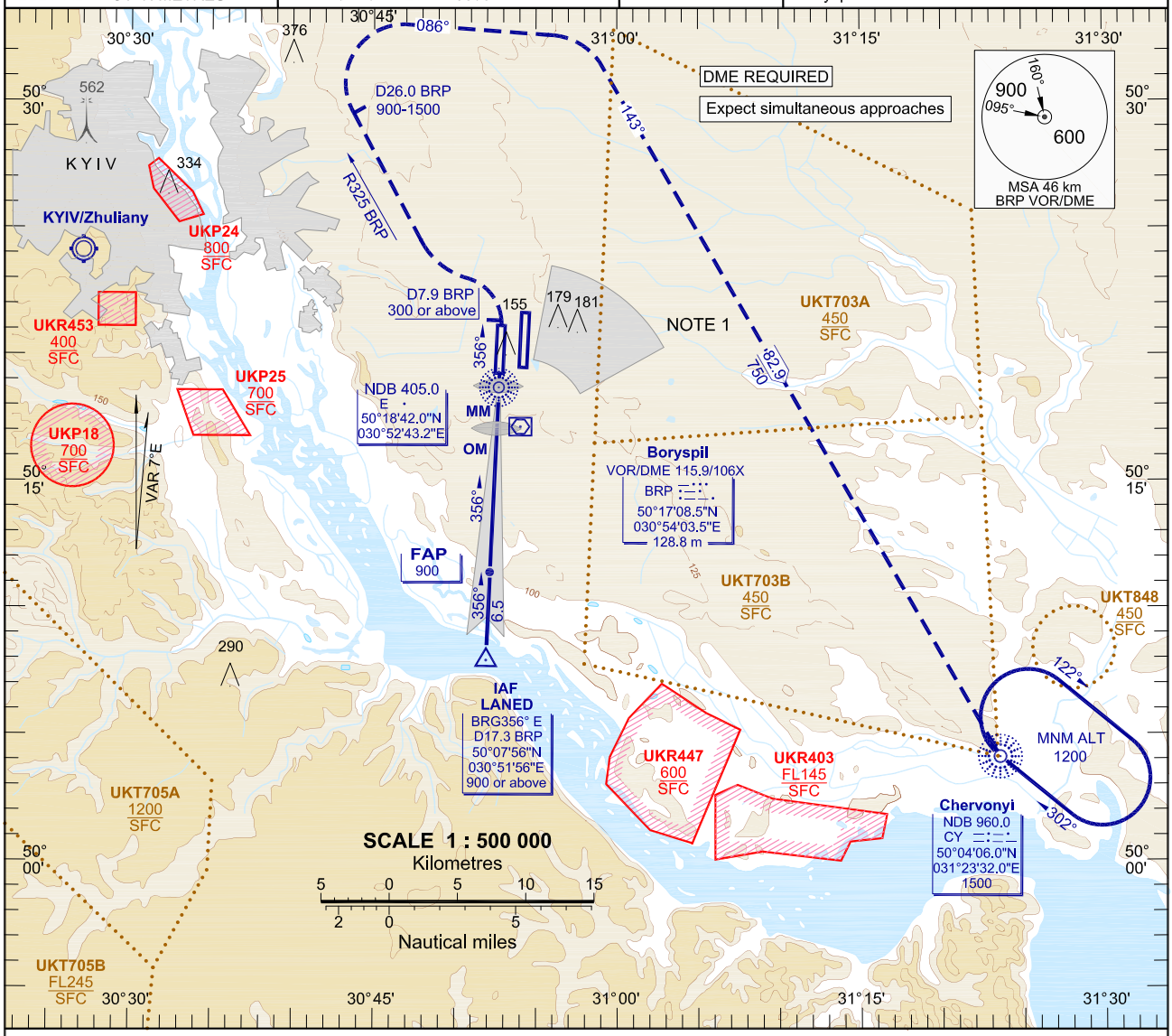
INSTRUMENT
APPROACH CHART (IAC)-ICAO

AD ELEV 130 m

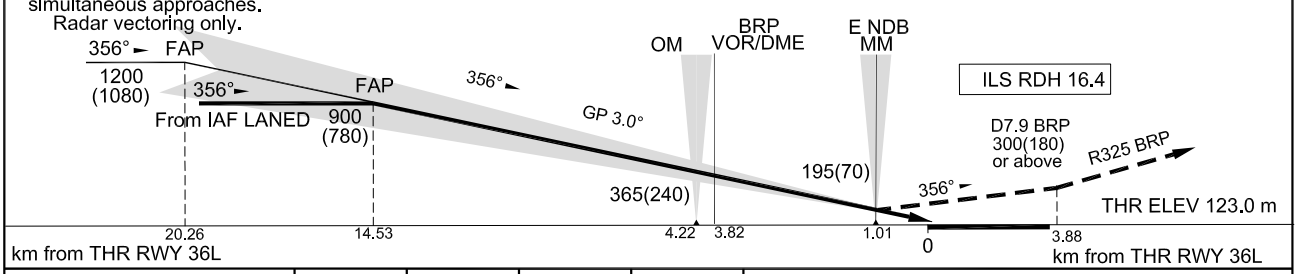
HEIGHTS RELATED TO
THR RWY 36L - ELEV 123.0 m

KYIV/Boryspil
ILS RWY 36L

BEARINGS ARE MAGNETIC ELEV-ALT-HGT IN METRES	TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	LOC 110.50 IKE	Kyiv-Radar (BV4) 122.775 Boryspil TWR 119.650



MISSED APPROACH:
On track 356° climb 300(180) or above to D7.9 BRP DME, turn LEFT on intercept R325°BRP VOR climbing 900-1500 to D26.0 BRP DME, turn RIGHT on track 086°, turn RIGHT on track 143° climbing 1500 to CY NDB, HOLD OVER 5 min, then according to arrival and approach procedures.



OCA/H		A	B	C	D
Straight-in Approach	ILS CAT I	175(52)	178(55)	181(58)	184(61)
Circling		270(140)	280(150)	310(180)	340(210)

GROUND SPEED	km/h	150	180	210	240	270	300	330	360
OM-THR 4220 m	min:s	1:41	1:24	1:12	1:03	0:56	0:51	0:46	0:42
RATE OF DESCENT	m/s	2.2	2.6	3.1	3.5	3.9	4.4	4.8	5.2

NOTE:
1. Visual manoeuvring (circling) and visual approach in the sector from R004 to R054, from D5.0 km to D12.0 km BRP VOR/DME below 750 m not authorized.
2. For arriving ACFT an initial call to Boryspil - Tower (FREQ 119.650) shall contain only callsign and landing RWY. Type of approach should be indicated only in case of visual approach is commenced.
3. IFR FLIGHTS Flying Visual Approaches: in order to remain in controlled airspace an aircraft carrying out visual approach for RWY 36L/R shall maintain altitude of at least 750 m:
- from WEST until D10.0 km BRP DME;
- from EAST until D5.5 km BRP DME.

CHANGE: New UKT848.

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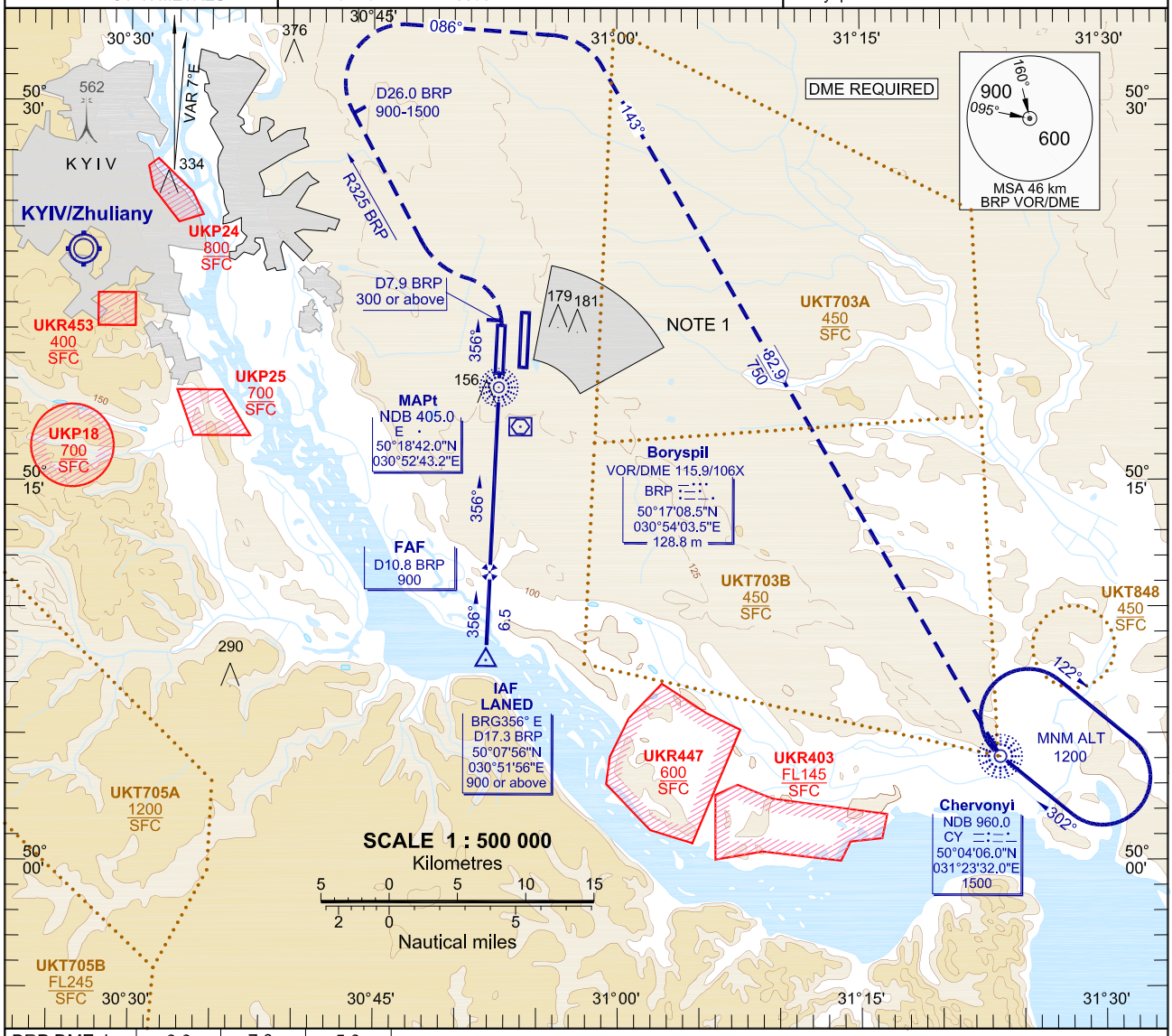
INSTRUMENT
APPROACH CHART (IAC)-ICAO

AD ELEV 130 m

HEIGHTS RELATED TO
THR RWY 36L - ELEV 123.0 m

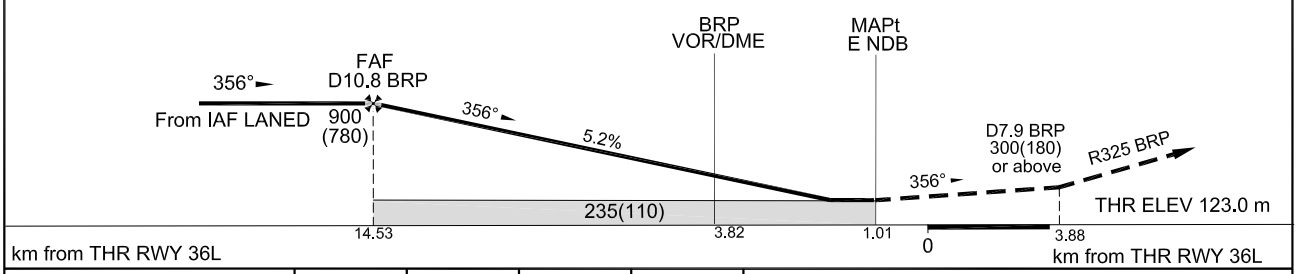
KYIV/Boryspil
NDB RWY 36L

BEARINGS ARE MAGNETIC ELEV-ALT-HGT IN METRES	TRANSITION LEVEL: by ATC TRANSITION ALT: 3050	Kyiv-Radar (BV4) 122.775 Boryspil TWR 119.650



BRP DME, km	9.0	7.0	5.0
DIST THR, km	12.65	10.60	8.51
ALT(HGT), m	798(675)	695(572)	585(462)

MISSED APPROACH:
On track 356° climb 300(180) or above to D7.9 BRP DME, turn LEFT on intercept R325°BRP VOR climbing 900-1500 to D26.0 BRP DME, turn RIGHT on track 086°, turn RIGHT on track 143° climbing 1500 to CY NDB, HOLD OVER 5 min, then according to arrival and approach procedures.



OCA/H		A	B	C	D
Straight-in Approach					
	E NDB	235(110)	235(110)	235(110)	235(110)
Circling		270(140)	280(150)	310(180)	340(210)

GROUND SPEED	km/h	150	180	210	240	270	300	330	360
FAF-MAPt 13520 m	min:s	5:24	4:30	3:52	3:23	3:00	2:42	2:27	2:15
RATE OF DESCENT	m/s	2.2	2.6	3.1	3.5	3.9	4.4	4.8	5.2

NOTE:
1. Visual manoeuvring (circling) and visual approach in the sector from R004 to R054, from D5.0 km to D12.0 km BRP VOR/DME below 750 m not authorized.
2. For arriving ACFT an initial call to Boryspil - Tower (FREQ 119.650) shall contain only callsign and landing RWY. Type of approach should be indicated only in case of visual approach is commenced.
3. IFR FLIGHTS Flying Visual Approaches: in order to remain in controlled airspace an aircraft carrying out visual approach for RWY 36L/R shall maintain altitude of at least 750 m:
- from WEST until D10.0 km BRP DME;
- from EAST until D5.5 km BRP DME.

CHANGE: New UKT848.

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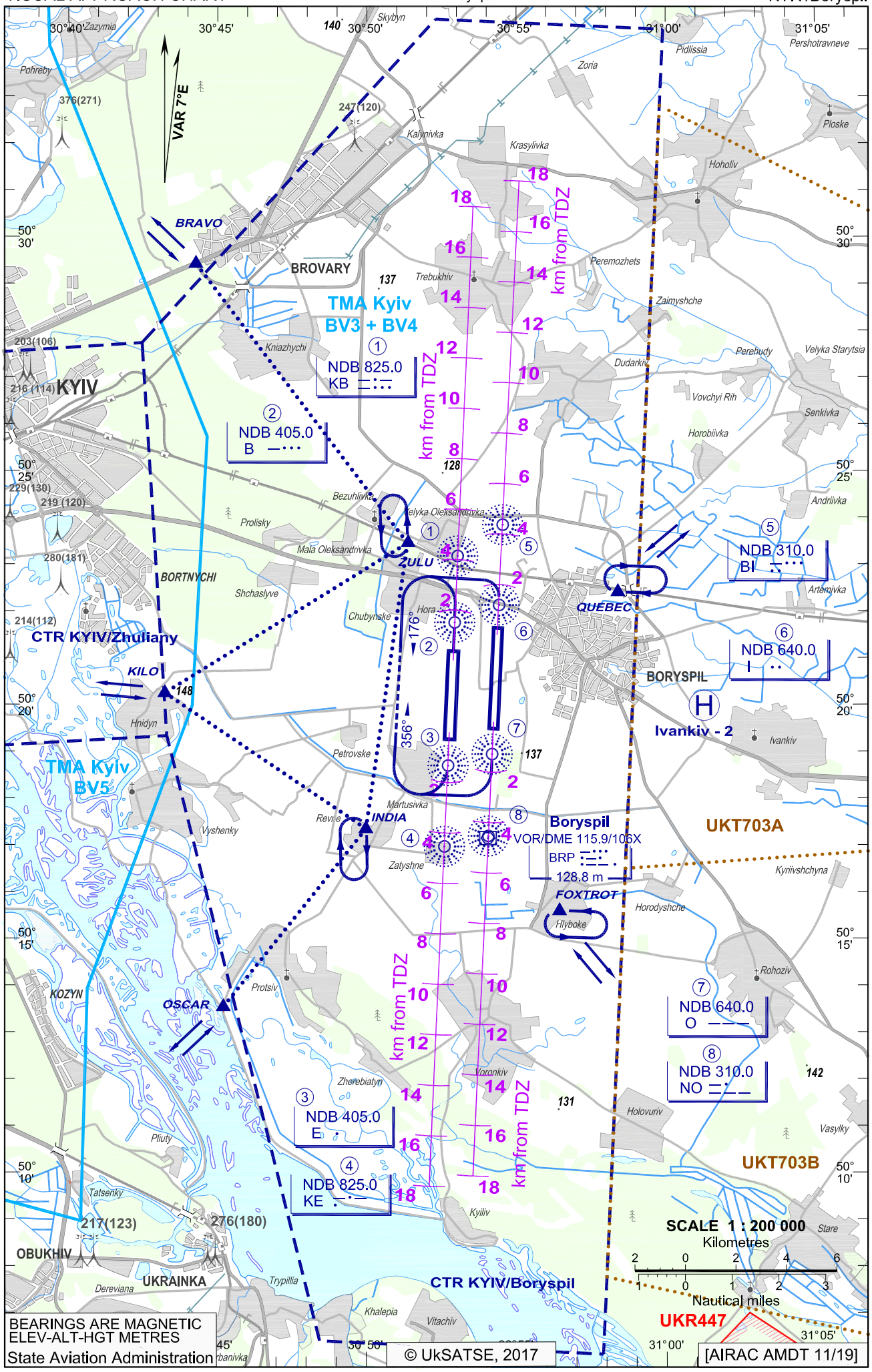
VISUAL APPROACH CHART

AD ELEV 130 m

Kyiv Information 118.500
Boryspil TWR 18R/36L 119.650

KYIV/Boryspil



CHANGE: Deleted UKP34.

Designation	Vertical limits and airspace Class	Call signs and frequencies (MHz)
CTR KYIV/ Boryspil	900/SFC Class D	Boryspil TWR RWY 18R/36L 119.650
CTR KYIV/ Zhuliany	700/SFC Class D	Zhuliany TWR 120.700
TMA Kyiv BV3+BV4	2900/450 Class C	Kyiv Radar 122.775 128.175
TMA Kyiv BV5	1650/400 Class C	Kyiv Radar 125.300

Designation	Vertical limits and airspace Class	Designation	Vertical limits and airspace Class
UKR447	600/SFC Unclassified	UKT703A	450/SFC Unclassified
UKT703B	450/SFC Unclassified		

Waypoint name	Coordinates	Description	Waypoint name for Planning purposes
BRAVO	502925N 0304417E	Road intersection west of Brovary.	-
FOXTROT	501536N 0305626E	Hlyboke village.	LH Holding
INDIA	501720N 0304958E	Revne village.	RH Holding
KILO	502015N 0304316E	Sand quarry north of Hnidyn.	-
OSCAR	501332N 0304514E	Bend of embankment west of Prostiv village.	-
QUEBEC	502223N 0305824E	Grain elevator at Boryspil railway station.	RH Holding
ZULU	502327N 0305123E	Railway platform at Chubynske.	LH Holding
KB NDB	502311.0N 0305302.7E	-	-
B NDB	502145.6N 0305256.5E	-	-
KE NDB	501658.3N 0305235.7E	-	-
E NDB	501842.0N 0305243.2E	-	-
BI NDB	502350.8N 0305432.8E	-	-
I NDB	502208.0N 0305425.7E	-	-
NO NDB	501714.9N 0305403.8E	-	-
O NDB	501856.9N 0305411.2E	-	-
BRP VOR/DME	501708.5N 0305403.5E	-	-

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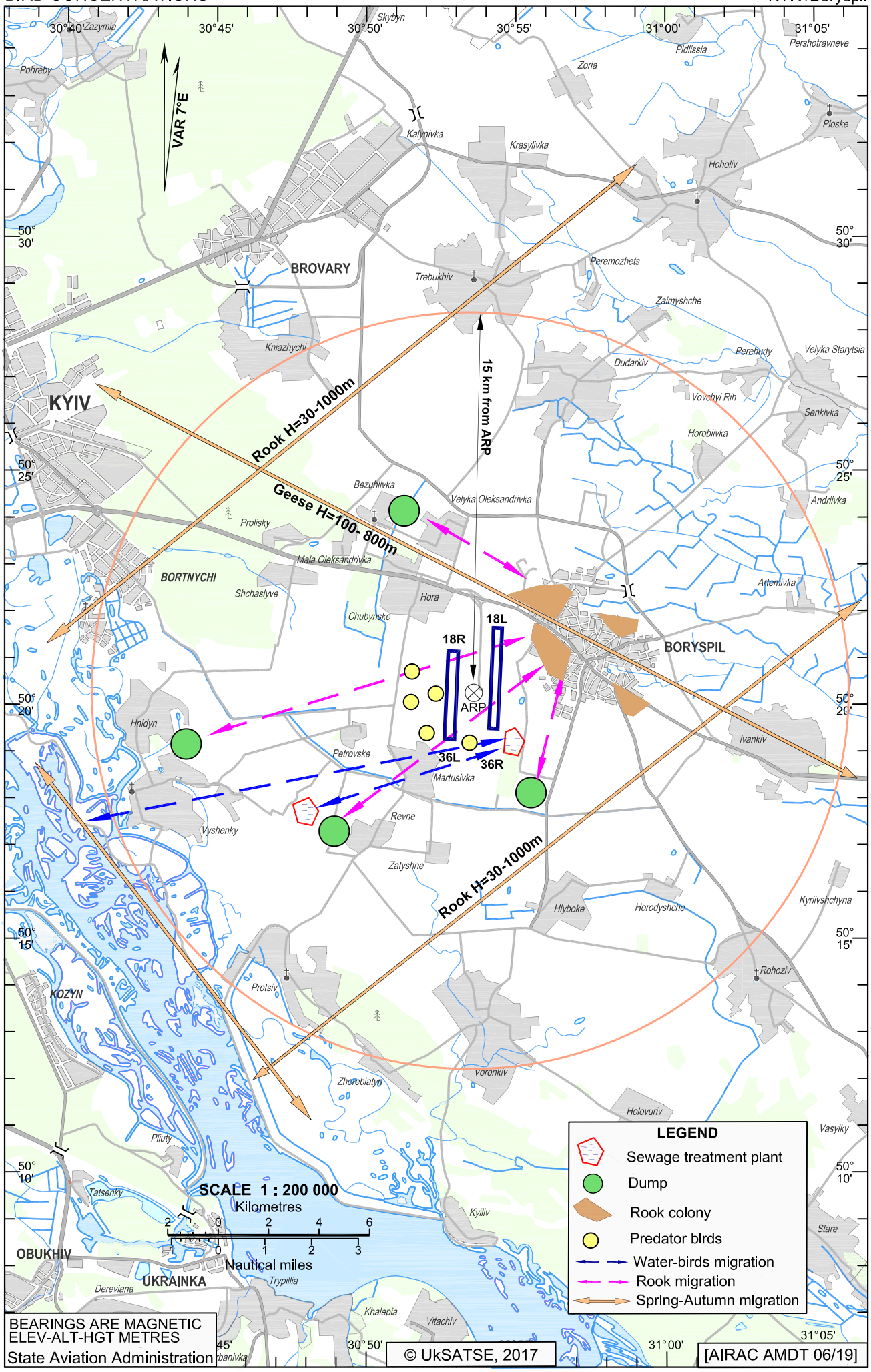
BIRD CONCENTRATIONS

KYIV/Boryspil



CHANGE: New Chart.

BEARINGS ARE MAGNETIC
ELEV-ALT-HGT METRES
State Aviation Administration

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[AIRAC AMDT 06/19]