

Page 1
Changed chart(s) since Disc 15-2010
ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 15-2010

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UKHH

General Info

Kharkiv, UKR

N 49° 55.5' E 36° 17.5' Mag Var: 6.5°E

Elevation: 508'

Public, IFR, Control Tower, Customs

Fuel: Jet A-1

Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+2:00 uses DST

Runway Info

Runway 08-26 7283' x 164' asphalt

Runway 08 (83.0°M) TDZE 494'

Lights: Edge, ALS

Runway 26 (263.0°M) TDZE 485'

Lights: Edge

Communications Info

ATIS **127.6** Non-English

ATIS **126.75**

Kharkiv Tower **118.1** At or below 3900'

Kharkiv Ground Control **119.0**

Kharkiv Approach Control **133.9**

Kharkiv Approach Control **123.7**

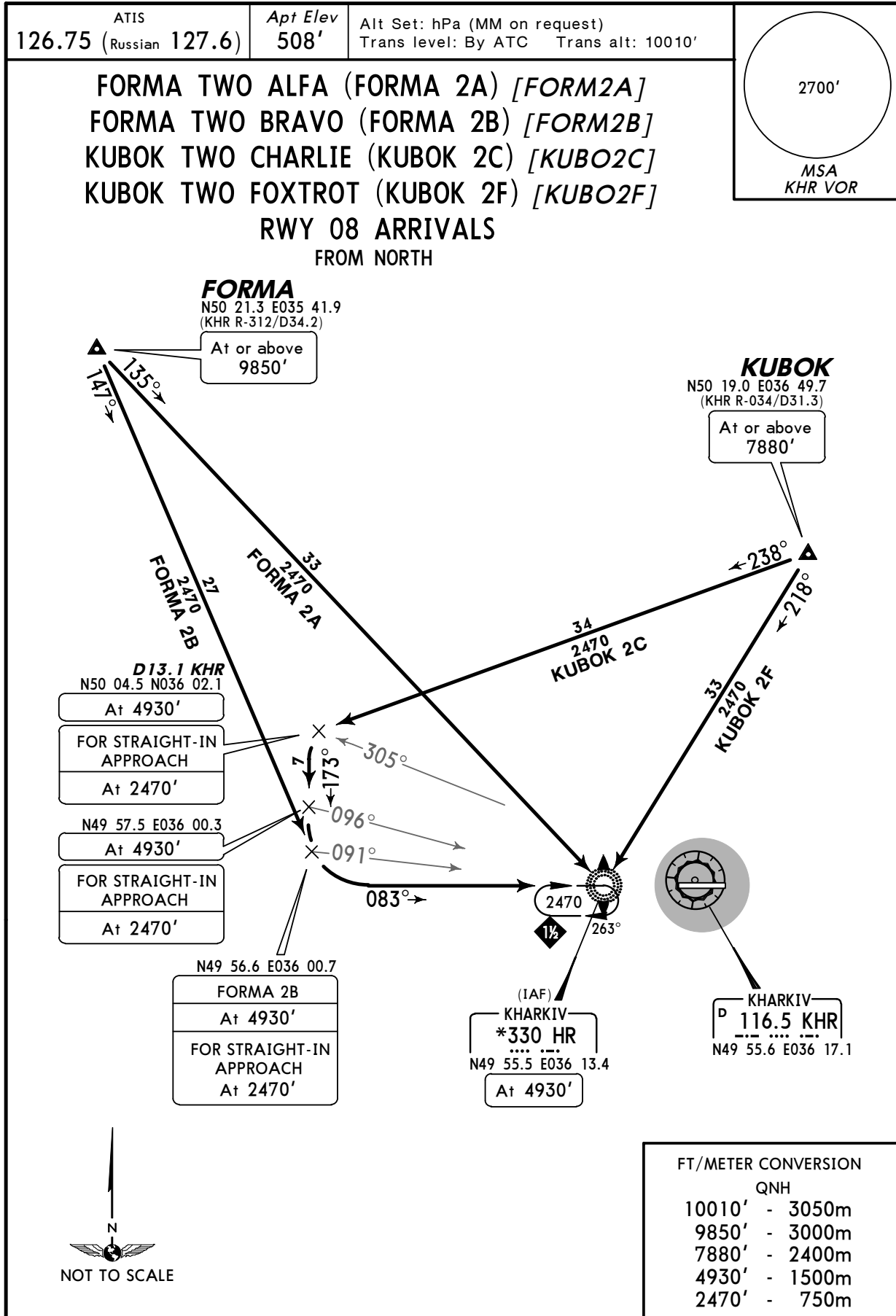
Kharkiv Approach Control **118.1**

Notebook Info

UKHH/HRK
OSNOVA

JEPPESEN
4 JUN 10 **10-2**

KHARKIV, UKRAINE
STAR



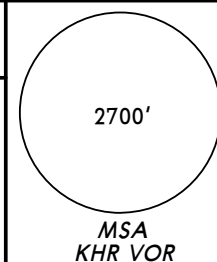
STAR	ROUTING
FORMA 2A	On 135° bearing to HR.
FORMA 2B	On 147° track to N49 56.6 E036 00.7 (091° bearing to HR), turn LEFT, intercept 083° bearing to HR.
KUBOK 2C	On 238° track to N50 04.3 E036 02.1 (KHR R-305), turn LEFT, 173° track to N49 57.5 E036 00.3 (096° bearing to HR), turn LEFT, intercept 083° bearing to HR.
KUBOK 2F	On 218° bearing to HR.

UKHH/HRK
OSNOVA

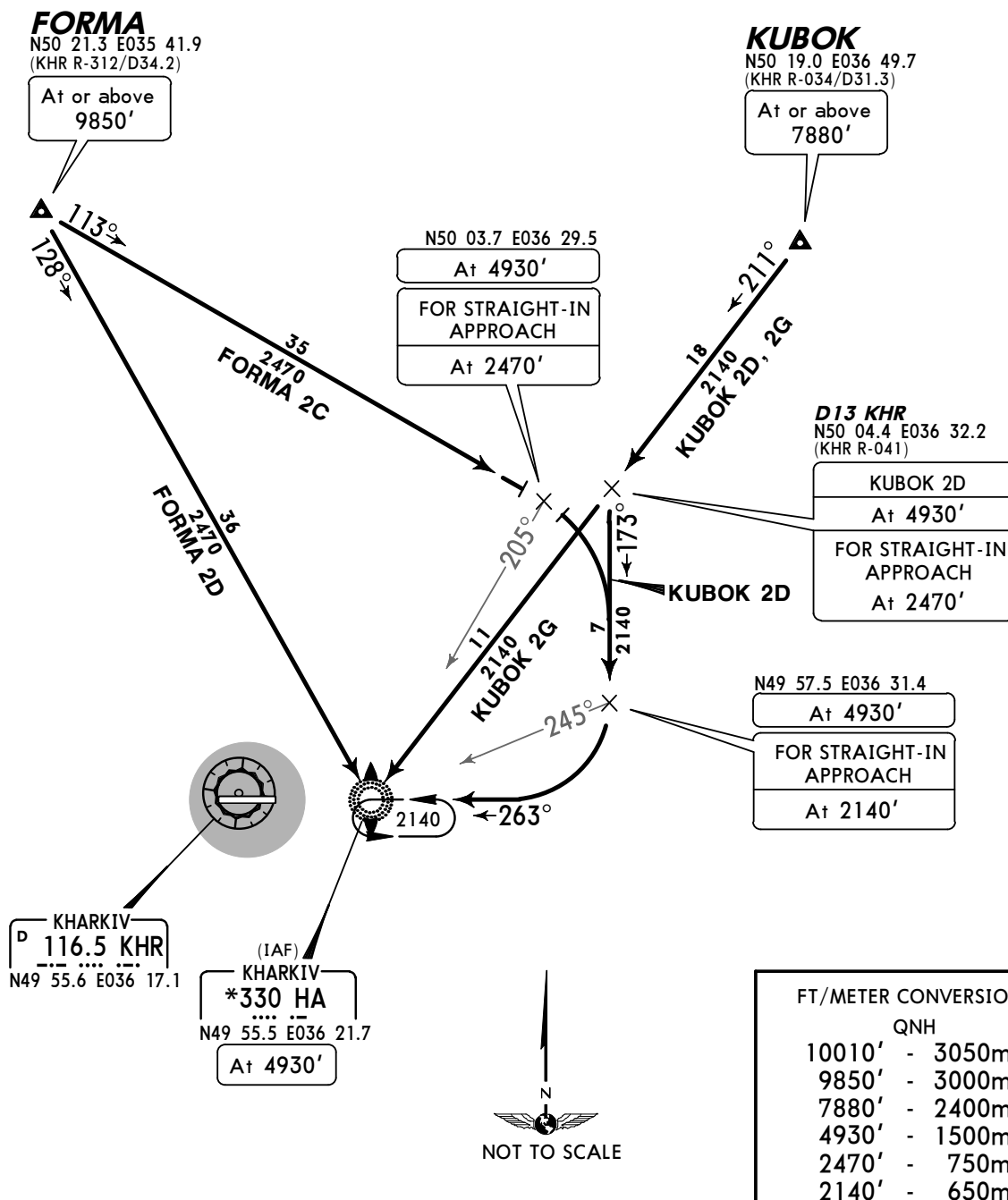
JEPPESEN
4 JUN 10 **(10-2A)**

KHARKIV, UKRAINE
STAR

ATIS
126.75 (Russian 127.6)
Apt Elev
508'
Alt Set: hPa (MM on request)
Trans level: By ATC Trans alt: 10010'



FORMA TWO CHARLIE (FORMA 2C) [FORM2C]
FORMA TWO DELTA (FORMA 2D) [FORM2D]
KUBOK TWO DELTA (KUBOK 2D) [KUBO2D]
KUBOK TWO GOLF (KUBOK 2G) [KUBO2G]
RWY 26 ARRIVALS
FROM NORTH



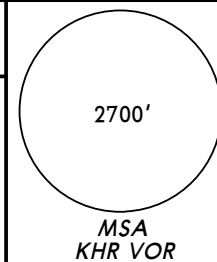
STAR	ROUTING
FORMA 2C	On 113° track to N50 03.7 E036 29.5 (205° bearing to HA), turn RIGHT, 173° track to N49 57.5 E036 31.4 (245° bearing to HA), turn RIGHT, intercept 263° bearing to HA.
FORMA 2D	On 128° bearing to HA.
KUBOK 2D	On 211° track to N50 04.4 E036 32.2 (KHR R-041/D13), turn LEFT, 173° track to N49 57.5 E036 31.4 (245° bearing to HA), turn RIGHT, intercept 263° bearing to HA.
KUBOK 2G	On 211° bearing to HA.

UKHH/HRK
OSNOVA

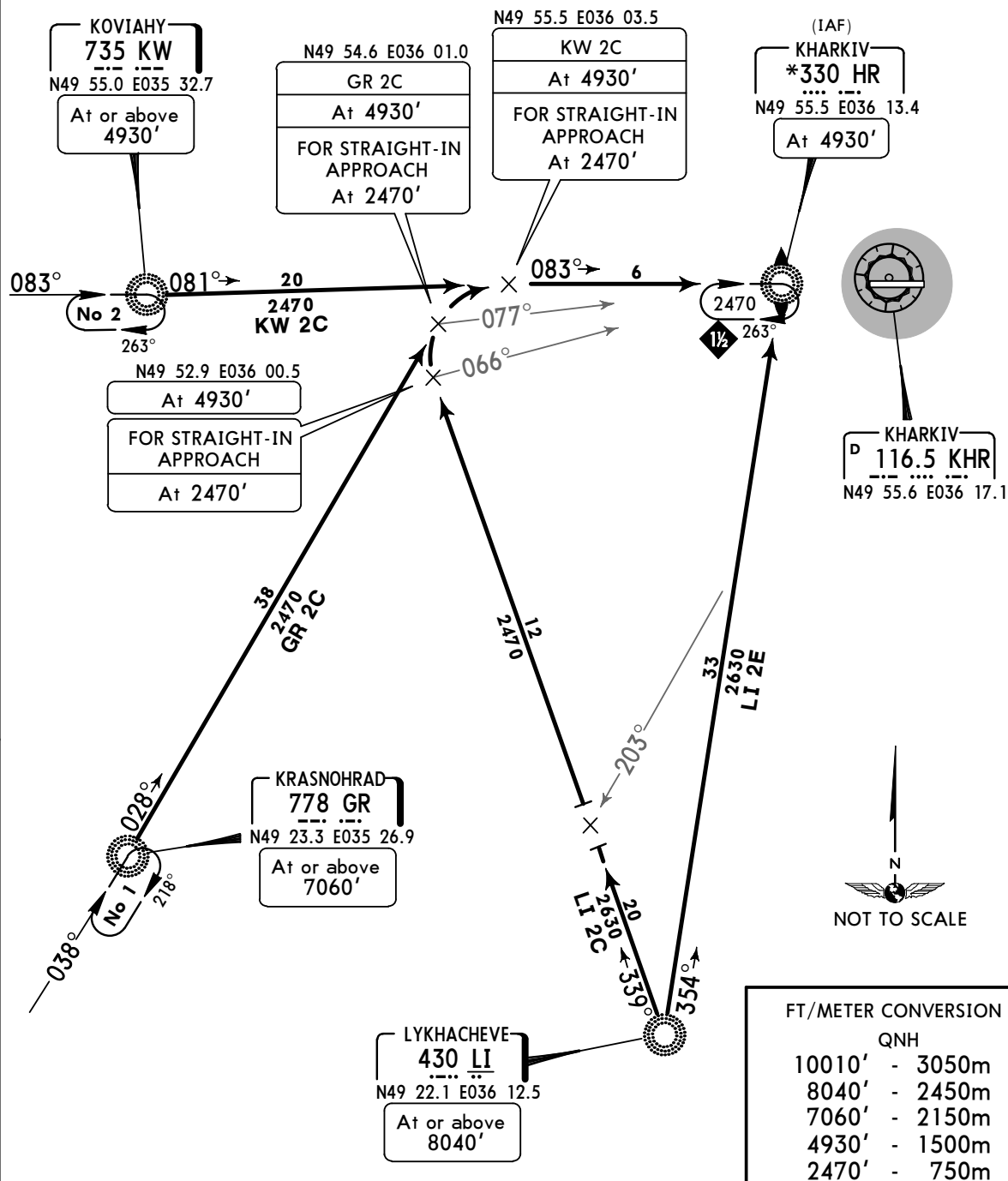
JEPPESEN
4 JUN 10 **10-2B**

KHARKIV, UKRAINE
STAR

ATIS
126.75 (Russian 127.6)
Apt Elev **508'**
Alt Set: hPa (MM on request)
Trans level: By ATC Trans alt: 10010'

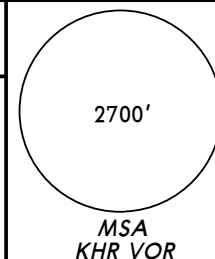


KOVIAHY TWO CHARLIE (KW 2C)
KRASNOHRAD TWO CHARLIE (GR 2C)
LYKHACHEVE TWO CHARLIE (LI 2C)
LYKHACHEVE TWO ECHO (LI 2E)
RWY 08 ARRIVALS
FROM SOUTH & WEST

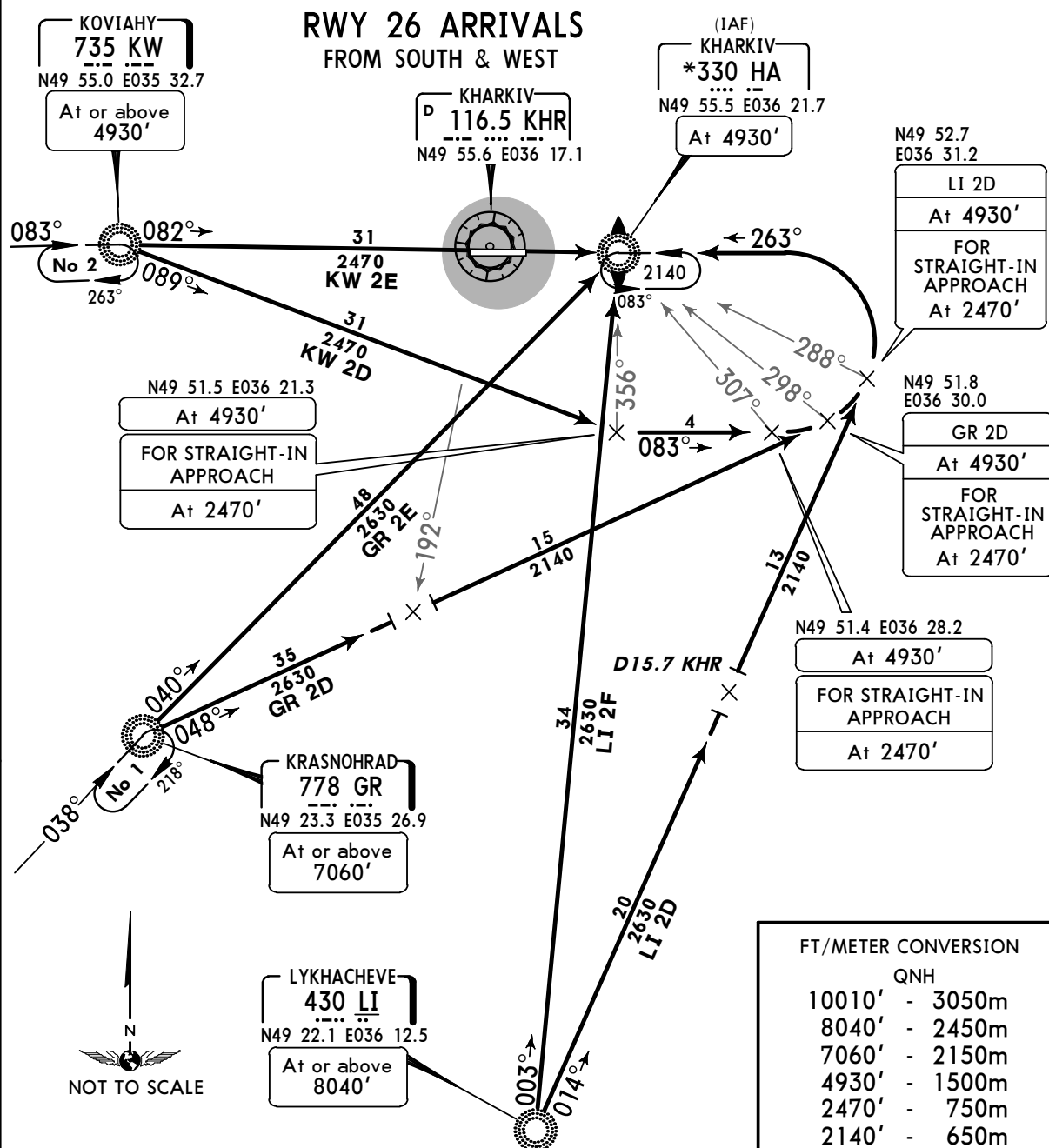


STAR	ROUTING
GR 2C	On 028° bearing to N49 54.6 E036 01.0 (077° bearing to HR), turn RIGHT, intercept 083° bearing to HR.
KW 2C	On 081° bearing to N49 55.5 E036 03.5 (083° bearing to HR), turn RIGHT, intercept 083° bearing to HR.
LI 2C	On 339° bearing to N49 52.9 E036 00.5 (066° bearing to HR), turn RIGHT, intercept 083° bearing to HR.
LI 2E	On 354° bearing to HR.

UKHH/HRK
OSNOVA
JEPPESSEN
 4 JUN 10 **(10-2C)**
KHARKIV, UKRAINE
STAR

 ATIS
126.75 (Russian 127.6)
 Apt Elev
508'
 Alt Set: hPa (MM on request)
 Trans level: By ATC Trans alt: 10010'


KOVIAHY TWO DELTA (KW 2D)
 KOVIAHY TWO ECHO (KW 2E)
 KRASNOHRAD TWO DELTA (GR 2D)
 KRASNOHRAD TWO ECHO (GR 2E)
 LYKHACHEVE TWO DELTA (LI 2D)
 LYKHACHEVE TWO FOXTROT (LI 2F)



STAR	ROUTING
GR 2D	On 048° bearing to N49 51.8 E036 30.0 (298° bearing to HA), turn LEFT, intercept 263° bearing to HA.
GR 2E	On 040° bearing to HA.
KW 2D	On 089° bearing to N49 51.5 E036 21.3 (356° bearing to HA), turn LEFT, 083° track to N49 51.4 E036 28.2 (307° bearing to HA), turn LEFT, intercept 263° bearing to HA.
KW 2E	On 082° bearing to HA.
LI 2D	On 014° bearing to N49 52.7 E036 31.2 (288° bearing to HA), turn LEFT, intercept 263° bearing to HA.
LI 2F	On 003° bearing to HA.

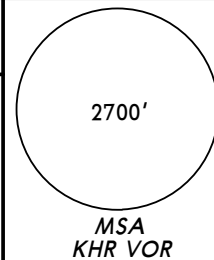
UKHH/HRK
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JEPPESSEN
 20 NOV 09 **10-3**

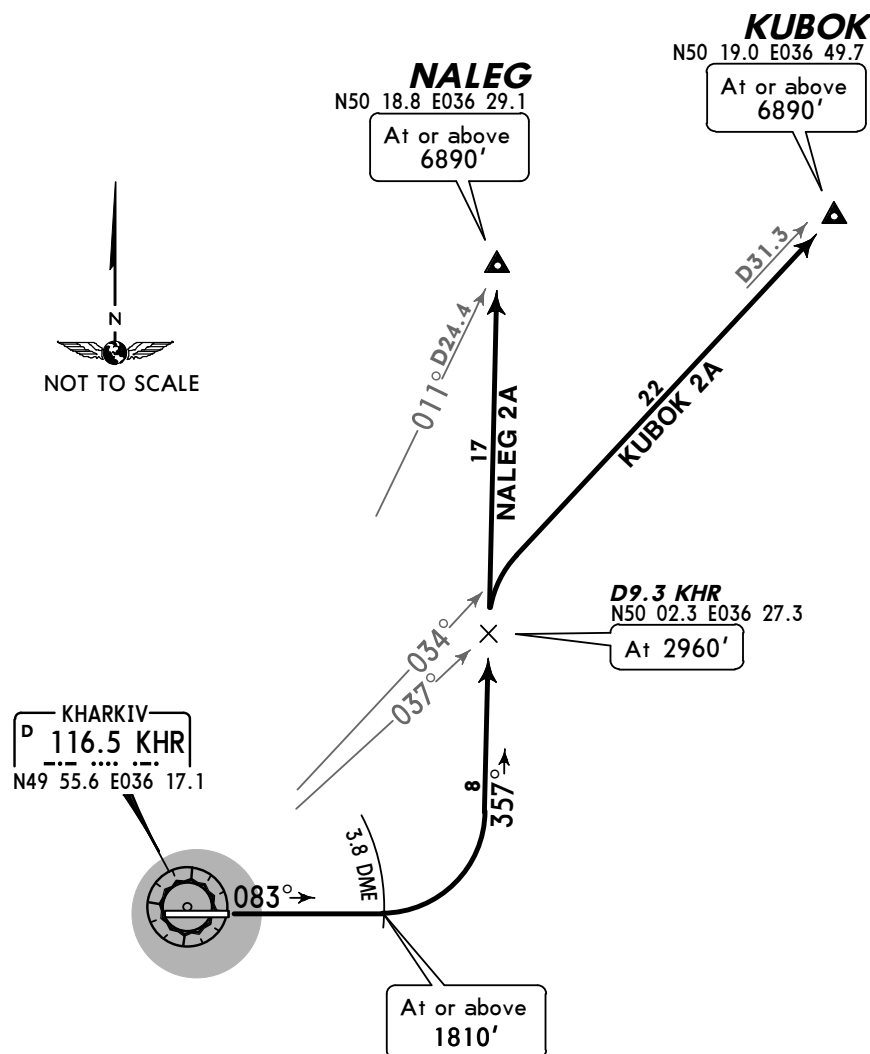
KHARKIV, UKRAINE
SID

Apt Elev
508'

Trans level: By ATC Trans alt: 10010'



KUBOK TWO ALFA (KUBOK 2A) [KUBO2A]
NALEG TWO ALFA (NALEG 2A) [NALE2A]
RWY 08 DEPARTURES
TO NORTH



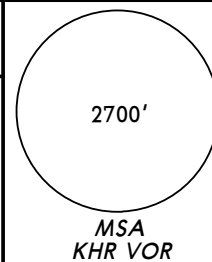
FT/METER CONVERSION

	QNH
1810'	- 550m
2960'	- 900m
6890'	- 2100m
10010'	- 3050m

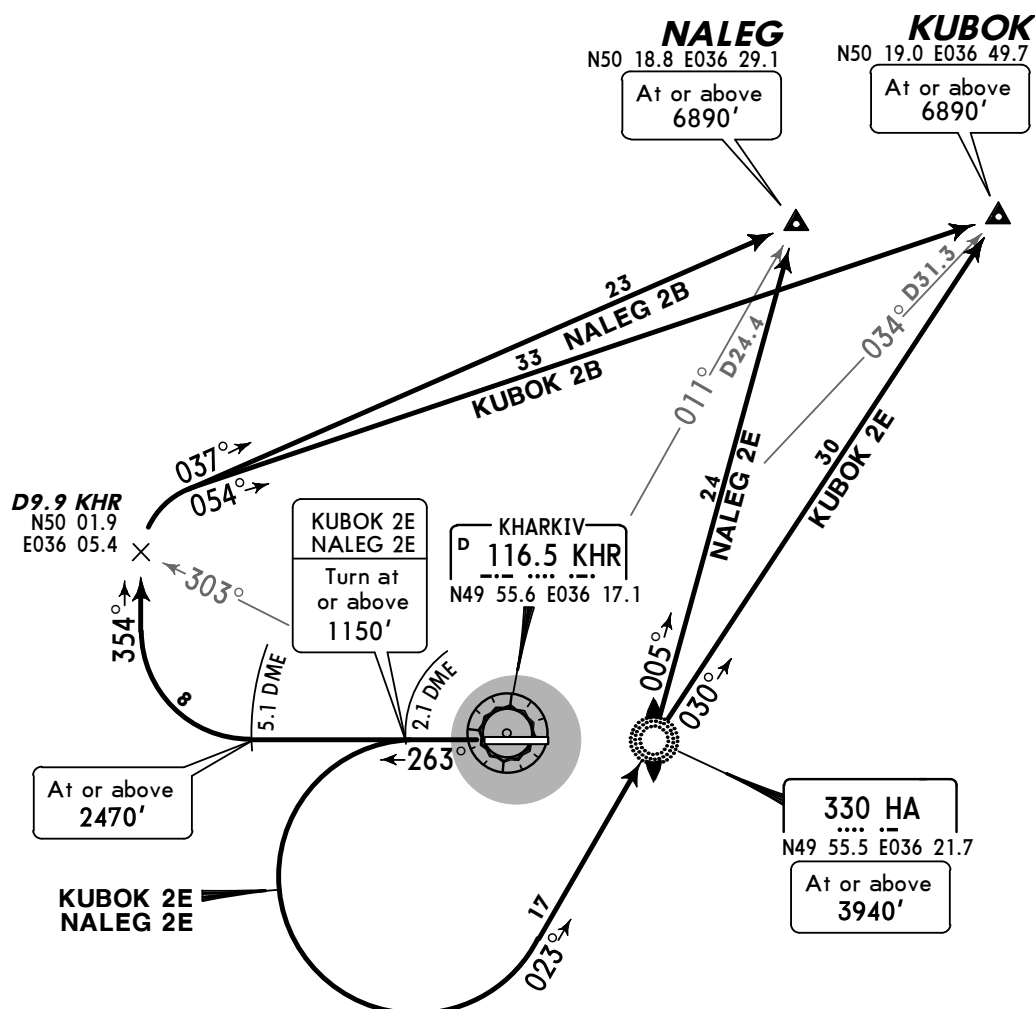
SID	ROUTING
KUBOK 2A	083° track to KHR 3.8 DME, turn LEFT, 357° track, at KHR R-037/D9.3 turn RIGHT, intercept KHR R-034 to KUBOK.
NALEG 2A	083° track to KHR 3.8 DME, turn LEFT, 357° track to NALEG.

UKHH/HRK
OSNOVA**JEPPESSEN**
20 NOV 09 **(10-3A)****KHARKIV, UKRAINE****SID**Apt Elev
508'

Trans level: By ATC Trans alt: 10010'



KUBOK TWO BRAVO (KUBOK 2B) [KUBO2B]
KUBOK TWO ECHO (KUBOK 2E) [KUBO2E]
NALEG TWO BRAVO (NALEG (2B) [NALE2B]
NALEG TWO ECHO (NALEG (2E) [NALE2E]
RWY 26 DEPARTURES
TO NORTH

**FT/METER CONVERSION**

QNH

1150'	-	350m
2470'	-	750m
3940'	-	1200m
6890'	-	2100m
10010'	-	3050m

SID	ROUTING
KUBOK 2B	263° track to KHR 5.1 DME, turn RIGHT, 354° track to KHR R-303/D9.9, turn RIGHT, 054° track to KUBOK.
KUBOK 2E	263° track to KHR 2.1 DME, turn LEFT, intercept 023° bearing to HA, turn RIGHT, 030° bearing to KUBOK.
NALEG 2B	263° track to KHR 5.1 DME, turn RIGHT, 354° track to KHR R-303/D9.9, turn RIGHT, 037° track to NALEG.
NALEG 2E	263° track to KHR 2.1 DME, turn LEFT, intercept 023° bearing to HA, turn LEFT, 005° bearing to NALEG.

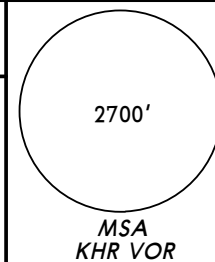
UKHH/HRK
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JEPPESEN
20 NOV 09 **(10-3B)**

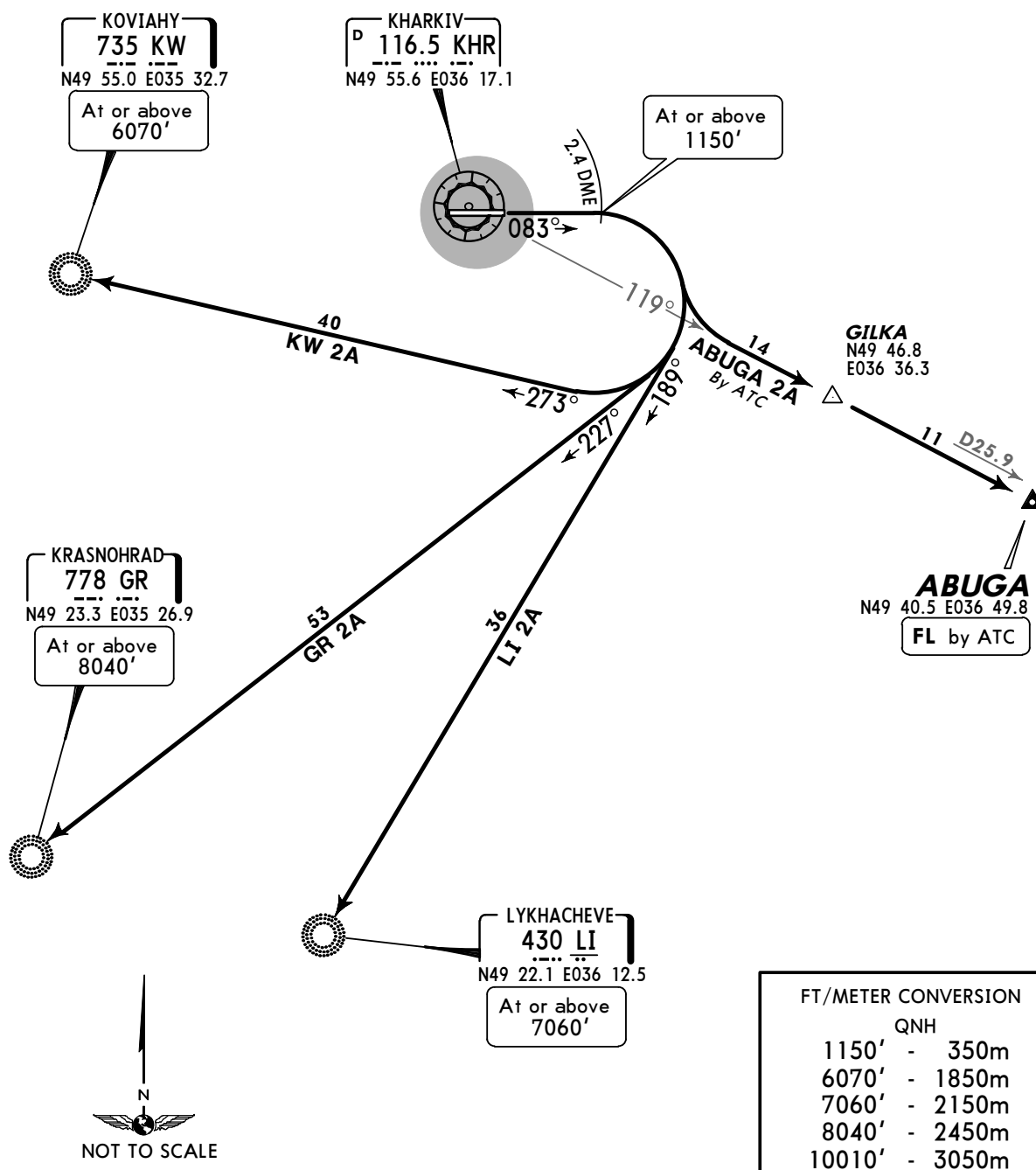
KHARKIV, UKRAINE
SID

Apt Elev
508'

Trans level: By ATC Trans alt: 10010'



ABUGA TWO ALFA (ABUGA 2A) [ABUG2A]
KOVIAHY TWO ALFA (KW 2A)
KRASNOHRAD TWO ALFA (GR 2A)
LYKHACHEVE TWO ALFA (LI 2A)
RWY 08 DEPARTURES
TO SOUTH & WEST



SID	ROUTING
ABUGA 2A By ATC	083° track to KHR 2.4 DME, turn RIGHT, intercept KHR R-119 to ABUGA.
GR 2A	083° track to KHR 2.4 DME, turn RIGHT, intercept 227° bearing to GR.
KW 2A	083° track to KHR 2.4 DME, turn RIGHT, intercept 273° bearing to KW.
LI 2A	083° track to KHR 2.4 DME, turn RIGHT, intercept 189° bearing to LI.

CHANGES: Initial crossing revised.

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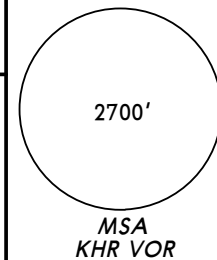
UKHH/HRK
OSNOVA

JEPPESEN
20 NOV 09 **(10-3C)**

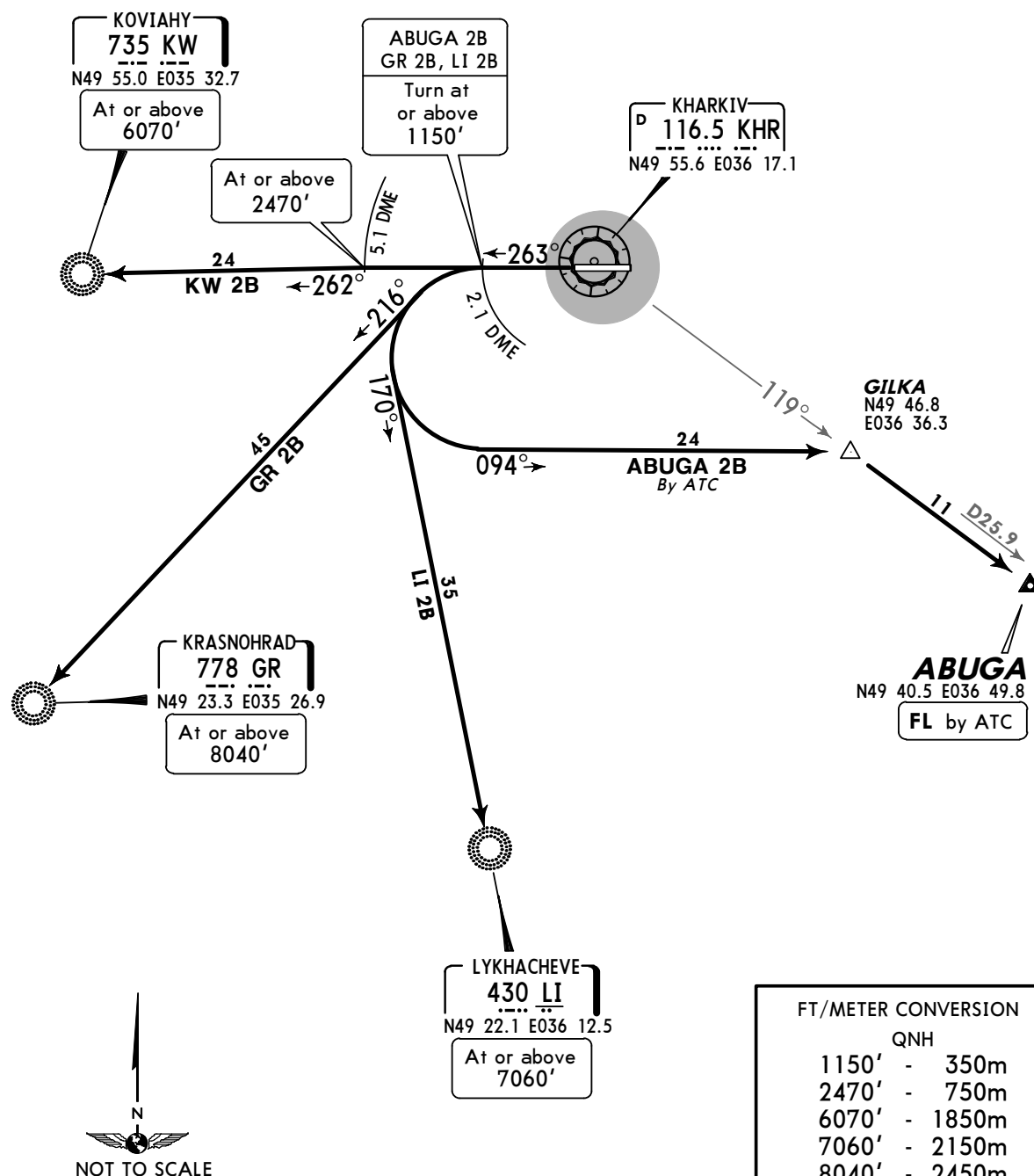
KHARKIV, UKRAINE
SID

Apt Elev
508'

Trans level: By ATC Trans alt: 10010'



ABUGA TWO BRAVO (ABUGA 2B) [ABUG2B]
KOVIAHY TWO BRAVO (KW 2B)
KRASNOHRAD TWO BRAVO (GR 2B)
LYKHACHEVE TWO BRAVO (LI 2B)
RWY 26 DEPARTURES
TO SOUTH & WEST



SID	ROUTING
ABUGA 2B By ATC	263° track to KHR 2.1 DME, turn LEFT, 094° track to GILKA, intercept KHR R-119 to ABUGA.
GR 2B	263° track to KHR 2.1 DME, turn LEFT, intercept 216° bearing to GR.
KW 2B	263° track to KHR 5.1 DME, turn LEFT, intercept 262° bearing to KW.
LI 2B	263° track to KHR 2.1 DME, turn LEFT, intercept 170° bearing to LI.

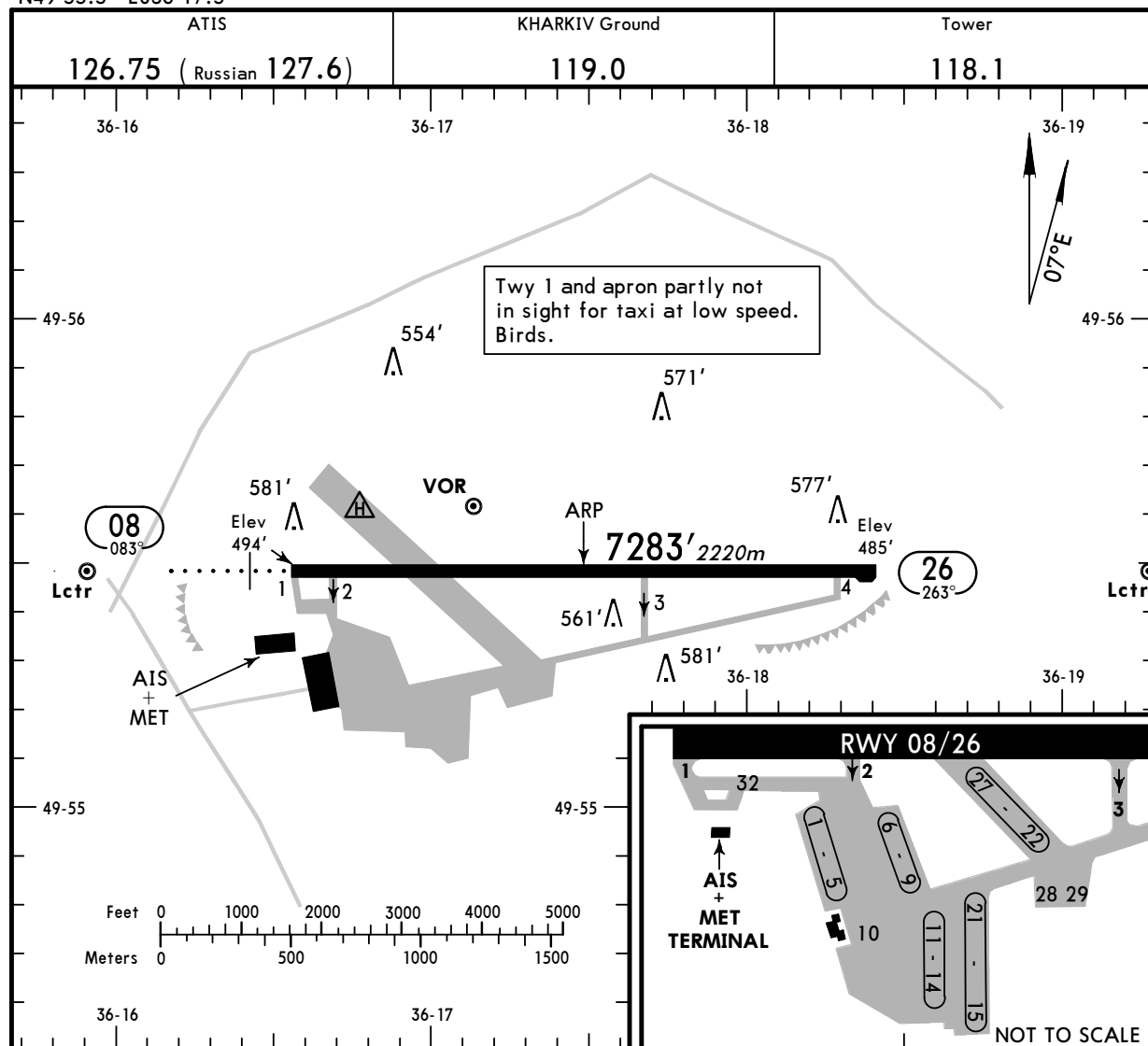
UKHH/HRK

Apt Elev **508'**
N49 55.5 E036 17.5

JEPPesen

9 APR 10 **(10-9)**

KHARKIV, UKRAINE
OSNOVA



ADDITIONAL RUNWAY INFORMATION

			USABLE LENGTHS				WIDTH
			LANDING BEYOND		TAKE-OFF		
RWY			Threshold	Glide Slope			
08	HIRL (60m) ALS	RVR		7087' 2160m		164'	
26	HIRL (60m)	RVR	7218' 2200m	6893' 2101m	7218' 2200m	50m	

JAR-OPS

TAKE-OFF 1

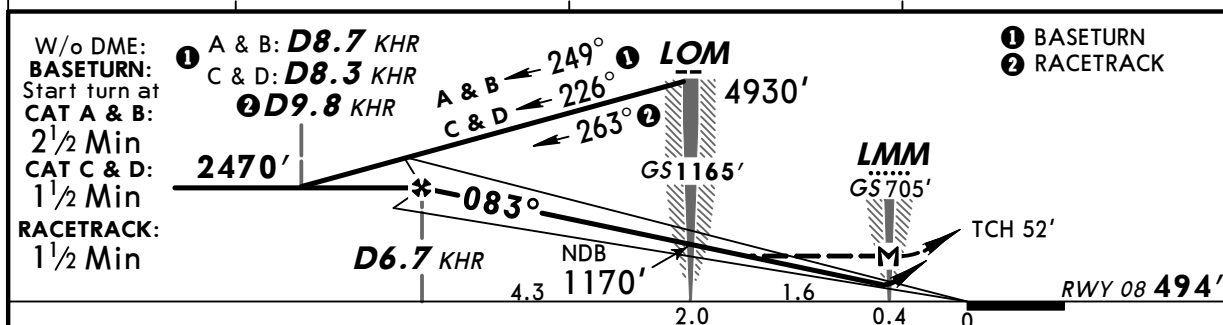
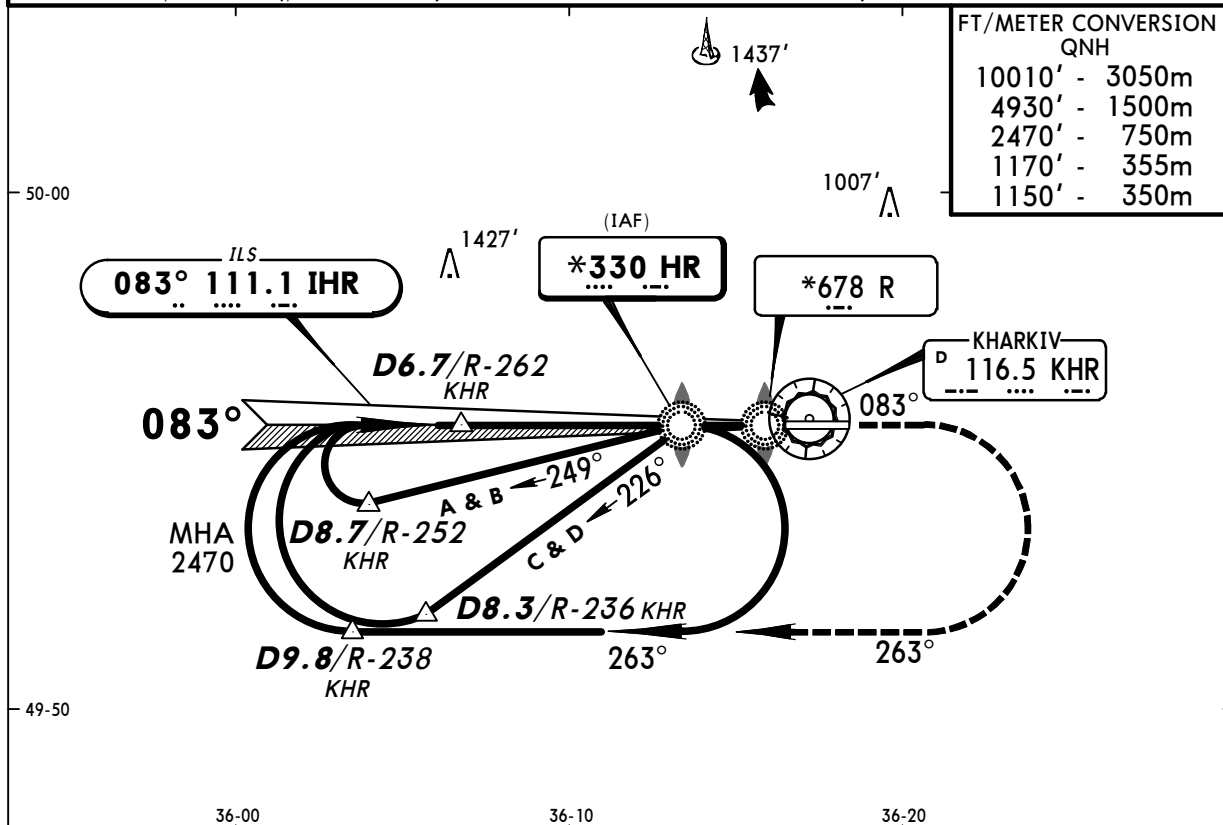
	All Rwys		
	LVP must be in force		
	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A			
B	250m	400m	500m
C			
D	300m		

1 Operators applying U.S. Ops Specs: CL required below 300m.

UKHH/HRK
OSNOVAJEPPESEN
9 APR 10 (11-1)KHARKIV, UKRAINE
ILS or NDB Rwy 08

BRIEFING STRIP™

ATIS		KHARKIV Approach (R)		KHARKIV Tower		Ground	
126.75 (Russian 127.6)		118.1 123.7 133.9		118.1		119.0	
LOC IHR 111.1	Final Apch Crs 083°	GS LOM 1165' (671')	ILS DA(H) Refer to Minimums	Apt Elev 508' RWY 494'		2700' MSA KHR VOR	
NDB HR *330		Minimum Alt D6.7 KHR 2470' (1976')	NDB MDA(H) 860' (366')				
MISSED APCH: Climb on 083° to 1150', then turn RIGHT onto 263° climbing to 2470', then according to chart.							
Alt Set: hPa (MM on req)		Rwy Elev: 18 hPa		Trans level: By ATC			



Gnd speed-Kts	70	90	100	120	140	160	ALS	1150'	on 083°	263°	2470'
ILS GS or NDB Desc angle 2.83°	356	457	508	610	711	813				RT	
MAP at LMM											

JAR-OPS				STRAIGHT-IN LANDING RWY 08				CIRCLE-TO-LAND ¹			
ILS		LOC (GS out)		NDB		MDA(H) 860' (366')		Max Kts		MDA(H) VIS	
A: 712' (218') C: 732' (238')											
B: 722' (228') D: 741' (247')											
FULL		ALS out				ALS out					
A						RVR 1300m		100	1010' (516')	1500m	
B						RVR 1400m		135	1200' (706')	1600m	
C	RVR 800m	RVR 1000m				RVR 1600m	RVR 1800m	180	1420' (926')	2400m	
D						RVR 1800m	RVR 2000m	205	1420' (926')	3600m	

¹ Circling height based on rwy 08 thresh elev of 494'.

CHANGES: ATIS frequency.

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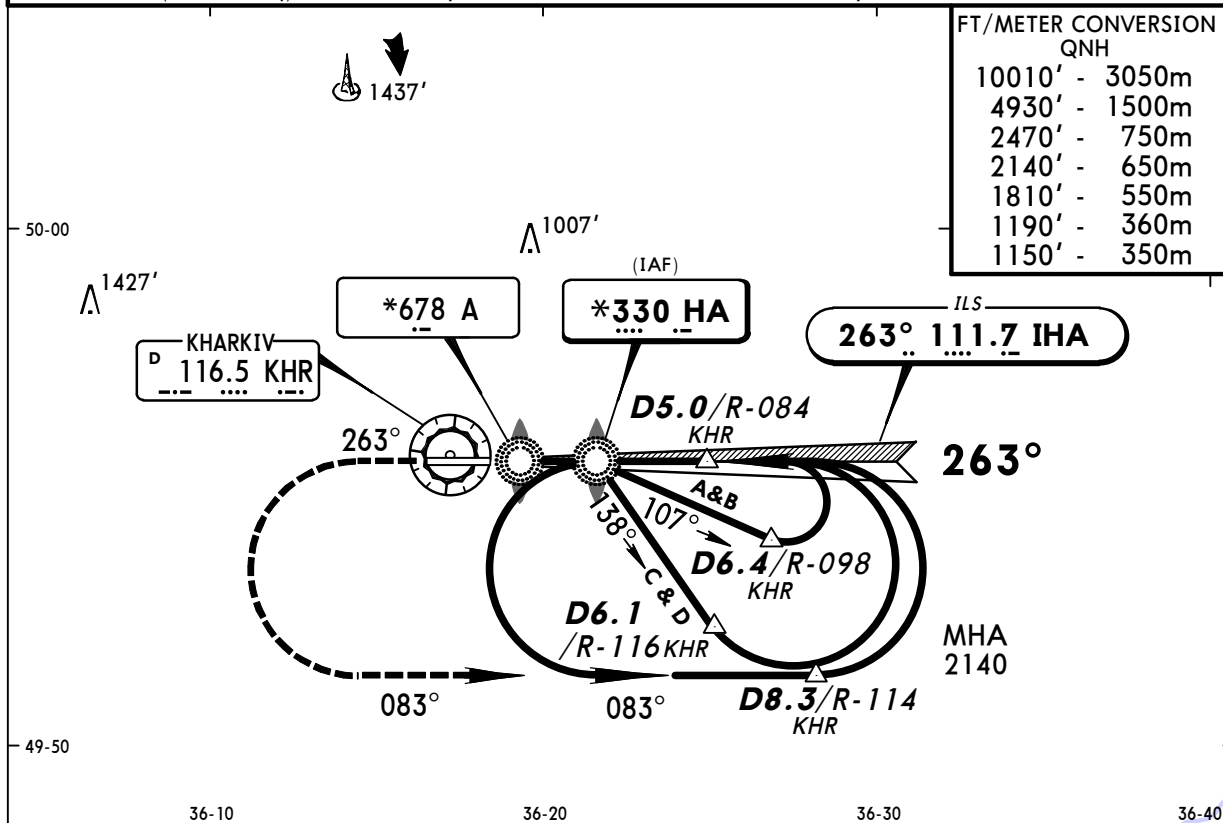
UKHH/HRK
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9 APR 10 **(11-2)**

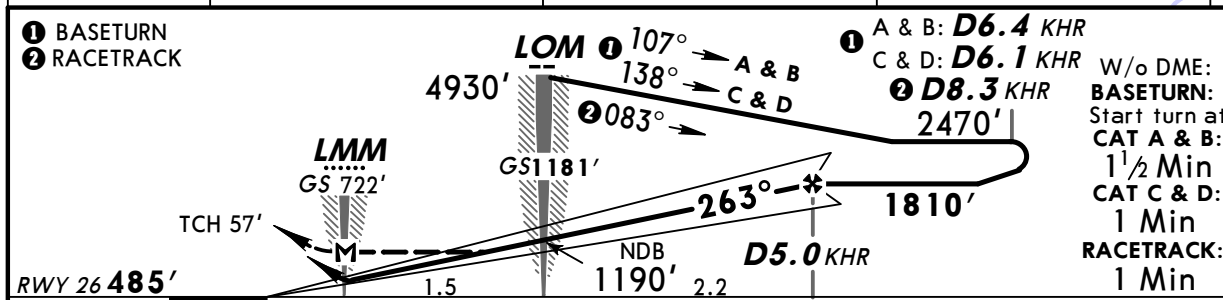
KHARKIV, UKRAINE
ILS or NDB Rwy 26

BRIEFING STRIP

ATIS		KHARKIV Approach (R)		KHARKIV Tower		Ground	
126.75 (Russian 127.6)		118.1 123.7 133.9		118.1		119.0	
LOC IHA 111.7	Final Apch Crs 263°	GS LOM 1181' (696')	ILS DA(H) Refer to Minimums	Apt Elev 508' RWY 485'		2700' MSA KHR VOR	
NDB HA *330		Minimum Alt D5.0 KHR 1810' (1325')	NDB MDA(H) 840' (355')				
MISSED APCH: Climb on 263 ° to 1150', then turn LEFT onto 083° climbing to 2470', then according to chart.							
Alt Set: hPa (MM on req)		Rwy Elev: 18 hPa		Trans level: By ATC			



FT/METER CONVERSION QNH	
10010'	3050m
4930'	1500m
2470'	750m
2140'	650m
1810'	550m
1190'	360m
1150'	350m



Gnd speed-Kts	70	90	100	120	140	160		1150'	263°	083°	2470'
ILS GS or NDB Desc angle 2.83°	356	457	508	610	711	813		↑	on	LT	↑
MAP at LMM											

JAR-OPS			STRAIGHT-IN LANDING RWY 26				CIRCLE-TO-LAND 1		
ILS			LOC	NDB					
A: 709' (224') C: 728' (243')			(GS out)	MDA(H) 840' (355')					
B: 719' (234') D: 738' (253')									
FULL			ALS out			Max Kts.	MDA(H) VIS		
A	RVR 1000m		NOT AUTH	RVR 1500m		100	1010' (525') 1500m		
B				RVR 1800m		135	1200' (715') 1600m		
C				RVR 2000m		180	1420' (935') 2400m		
D	RVR 1200m			RVR 2000m		205	1420' (935') 3600m		

1 Circling height based on rwy 26 thresh elev of 485'.

CHANGES: ATIS frequency.

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