

Page 1**Changed chart(s) since Disc 22-2010****ADD = Added chart, REV = Revised chart, DEL = Deleted chart.**

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
Kharkiv, (Osnova - UKHH)				
ADD	FORMA 3A & KUBOK 3C ARRS	10-2	12 říj 2010	18 říj 2010
ADD	FORMA & KUBOK 3D ARRS	10-2A	12 říj 2010	18 říj 2010
ADD	KOVIAHY, KRASNOHRAD & LI 3...	10-2B	12 říj 2010	18 říj 2010
ADD	KOVIAHY, KRASNOHRAD & LI 3...	10-2C	12 říj 2010	18 říj 2010
ADD	KUBOK & NALEG 3A DEPS	10-3	12 říj 2010	18 říj 2010
ADD	KUBOK & NALEG 3B DEPS	10-3A	12 říj 2010	18 říj 2010
ADD	ABUGA, KW, KRASNOHRAD & ...	10-3B	12 říj 2010	18 říj 2010
ADD	ABUGA, KW, KRASNOHRAD & ...	10-3C	12 říj 2010	18 říj 2010
REV	AIRPORT, PARKING, AIRPORT I...	10-9	05 říj 2010	18 říj 2010
ADD	ILS RWY 08	11-1	05 říj 2010	18 říj 2010
ADD	NDB RWY 08	16-1	05 říj 2010	18 říj 2010
ADD	NDB RWY 26	16-2	05 říj 2010	18 říj 2010

TERMINAL CHART NOTAMs

Chart NOTAMs for Airport UKHH

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

KHR VOR DME replaced with waypoint KOKIV at same psn; request radar vectoring if unable to comply with SID/STARs.

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

VOR DME KHR perm withdrawn; IAP ILS rwy 26 suspended.

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'

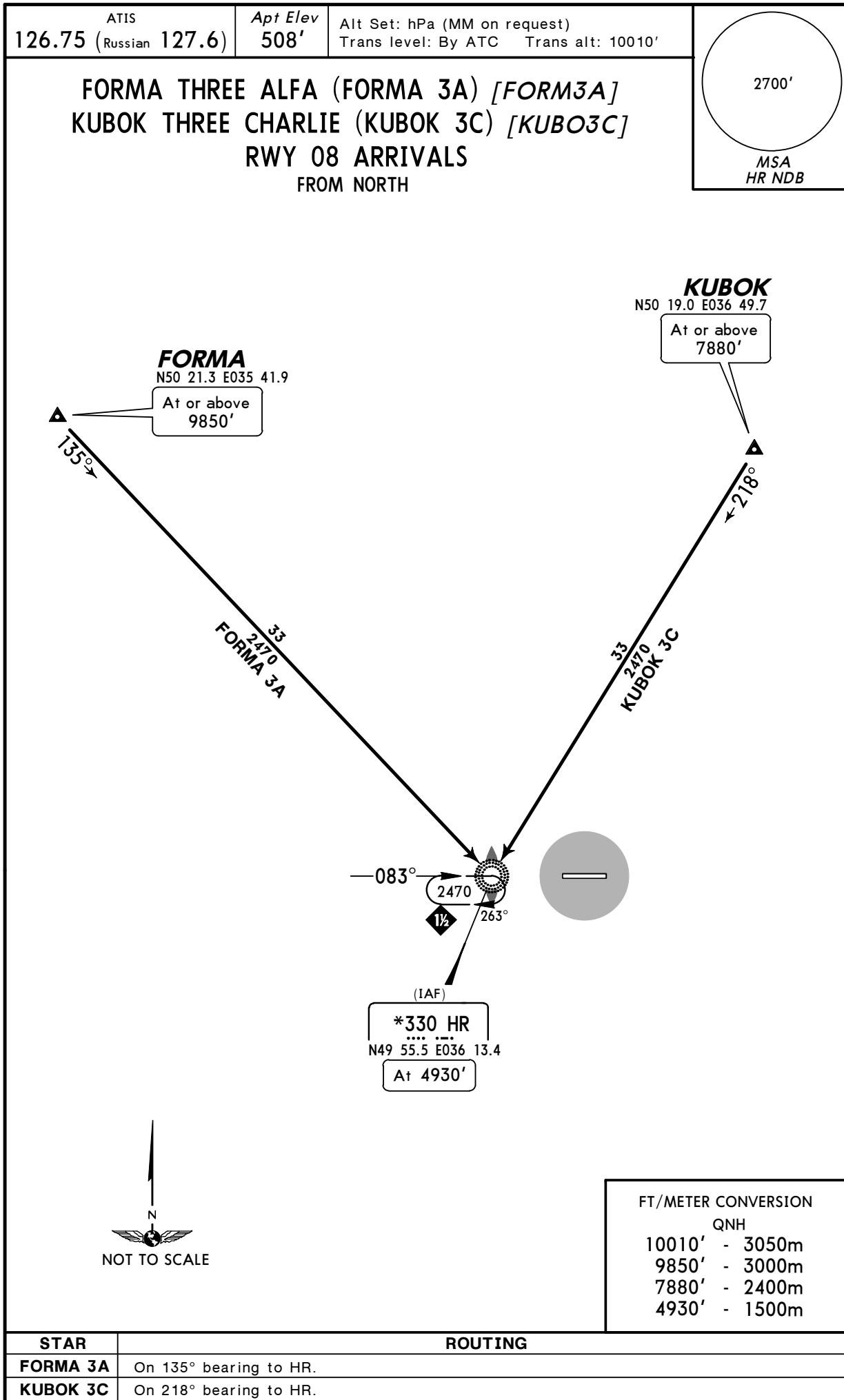
Lights: Edge

Communications InfoATIS **127.6** Non-EnglishATIS **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

JEPPESSEN
 12 NOV 10 **10-2** **Eff 18 Nov**

KHARKIV, UKRAINE
STAR

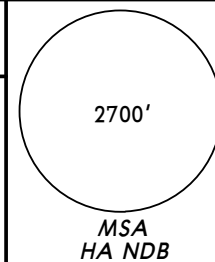


UKHH/HRK
OSNOVA

JEPPESEN
 12 NOV 10 **(10-2A)** **Eff 18 Nov**

KHARKIV, UKRAINE
STAR

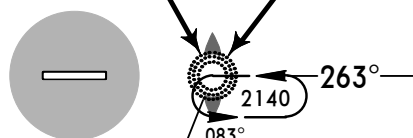
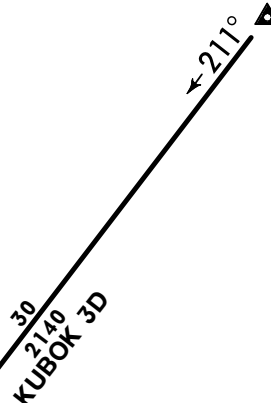
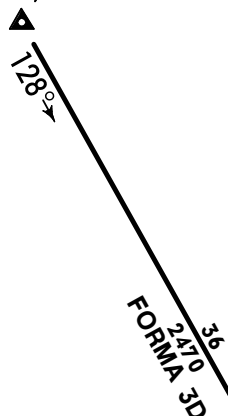
ATIS
126.75 (Russian 127.6)
 Apt Elev **508'**
 Alt Set: hPa (MM on request)
 Trans level: By ATC Trans alt: 10010'



FORMA THREE DELTA (FORMA 3D) [FORM3D]
KUBOK THREE DELTA (KUBOK 3D) [KUBO3D]
RWY 26 ARRIVALS
FROM NORTH

FORMA
 N50 21.3 E035 41.9
 At or above
9850'

KUBOK
 N50 19.0 E036 49.7
 At or above
7880'



(IAF)
***330 HA**
 N49 55.5 E036 21.7
 At **4930'**



FT/METER CONVERSION	
QNH	
10010'	- 3050m
9850'	- 3000m
7880'	- 2400m
4930'	- 1500m

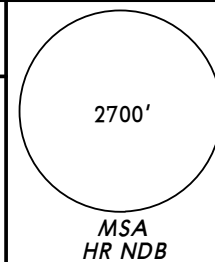
STAR	ROUTING
FORMA 3D	On 128° bearing to HA.
KUBOK 3D	On 211° bearing to HA.

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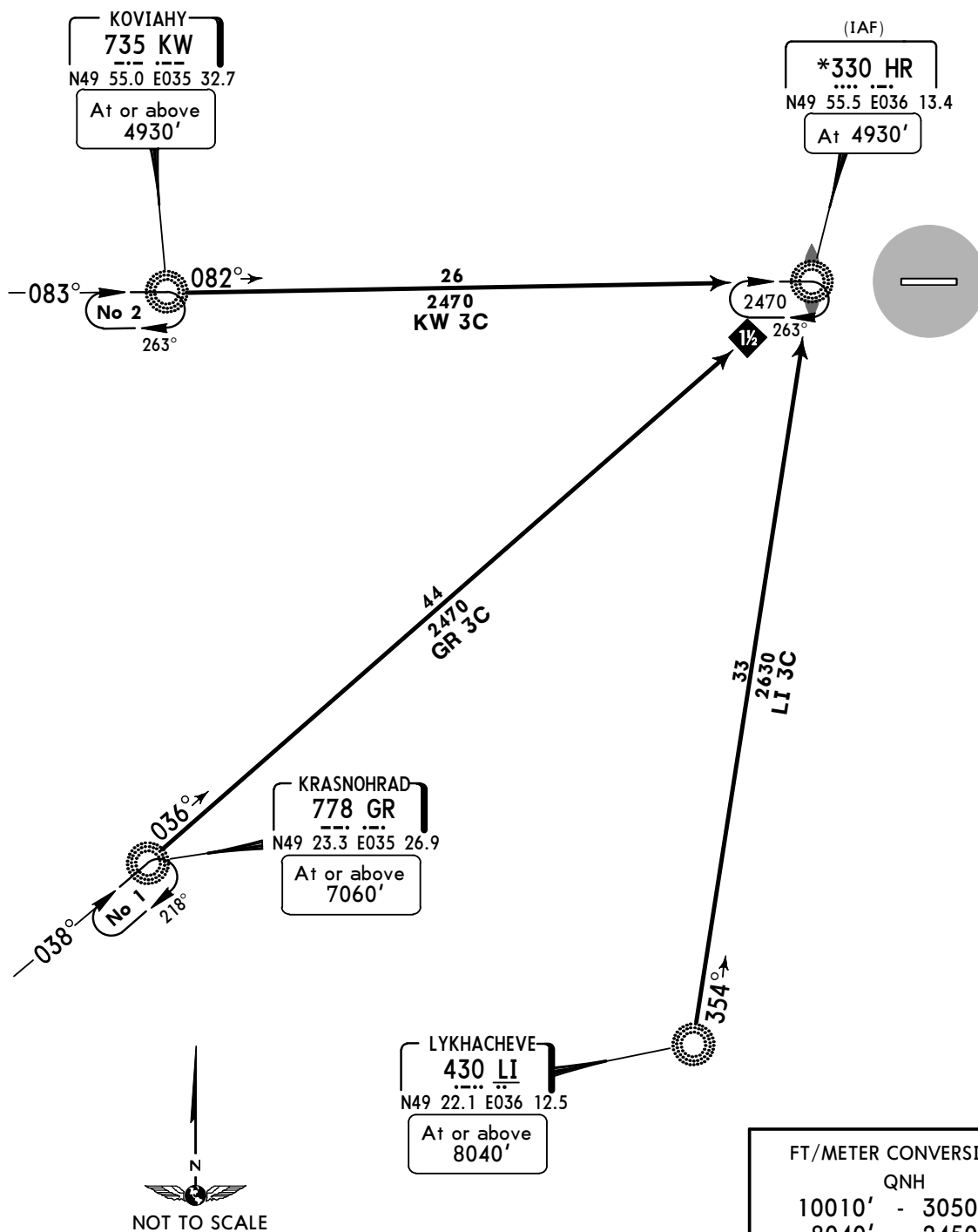
JEPPesen
 12 NOV 10 **10-2B** **Eff 18 Nov**

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 THREE CHARLIE (KW 3C)
KRASNOHRAD THREE CHARLIE (GR 3C)
LYKHACHEVE THREE CHARLIE (LI 3C)
RWY 08 ARRIVALS
FROM SOUTH & WEST



FT/METER CONVERSION	
QNH	
10010'	- 3050m
8040'	- 2450m
7060'	- 2150m
4930'	- 1500m

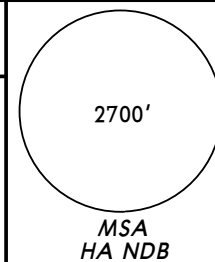
STAR	ROUTING
GR 3C	On 036° bearing to HR.
KW 3C	On 082° bearing to HR.
LI 3C	On 354° bearing to HR.

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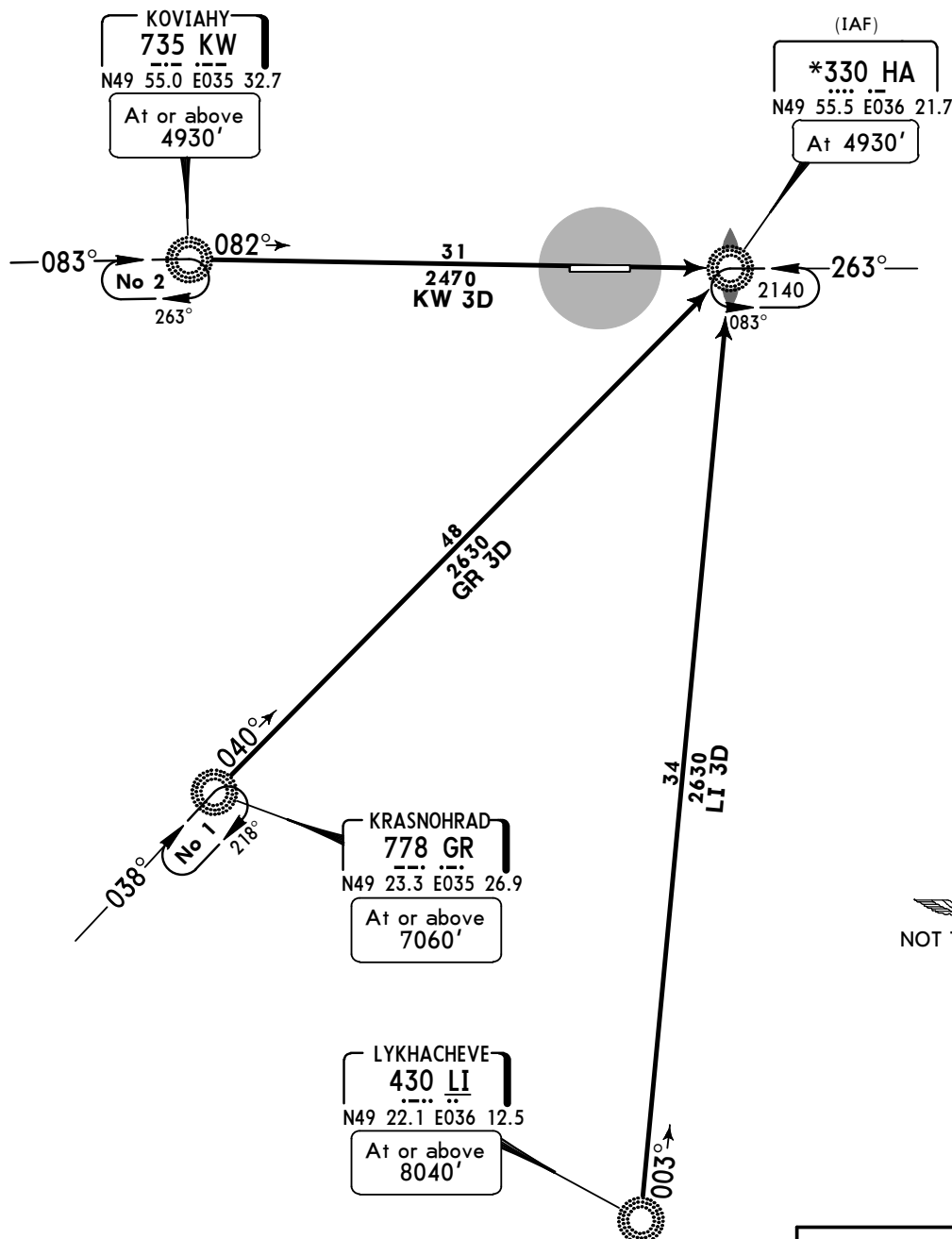
JEPPESEN
 12 NOV 10 **10-2C** **Eff 18 Nov**

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 THREE DELTA (KW 3D)
KRASNOHRAD THREE DELTA (GR 3D)
LYKHACHEVE THREE DELTA (LI 3D)
RWY 26 ARRIVALS
FROM SOUTH & WEST



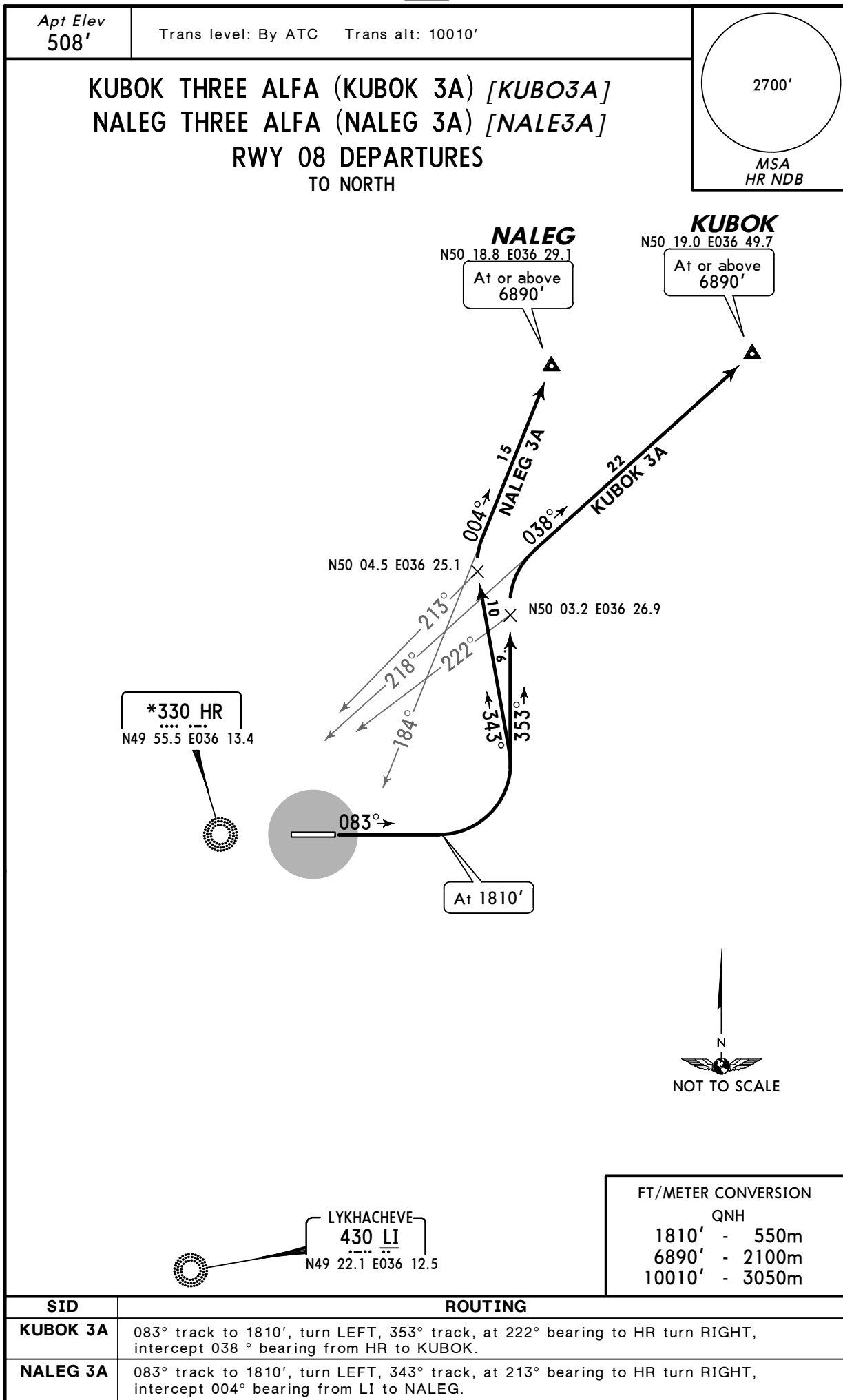
FT/METER CONVERSION	
QNH	
10010'	- 3050m
8040'	- 2450m
7060'	- 2150m
4930'	- 1500m

STAR	ROUTING
GR 3D	On 040° bearing to HA.
KW 3D	On 082° bearing to HA.
LI 3D	On 003° bearing to HA.

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JEPPESEN
 12 NOV 10 **10-3** **Eff 18 Nov**

KHARKIV, UKRAINE
SID



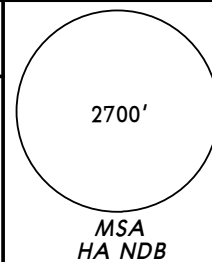
UKHH/HRK
OSNOVA

JEPPESEN
 12 NOV 10 **(10-3A)** **Eff 18 Nov**

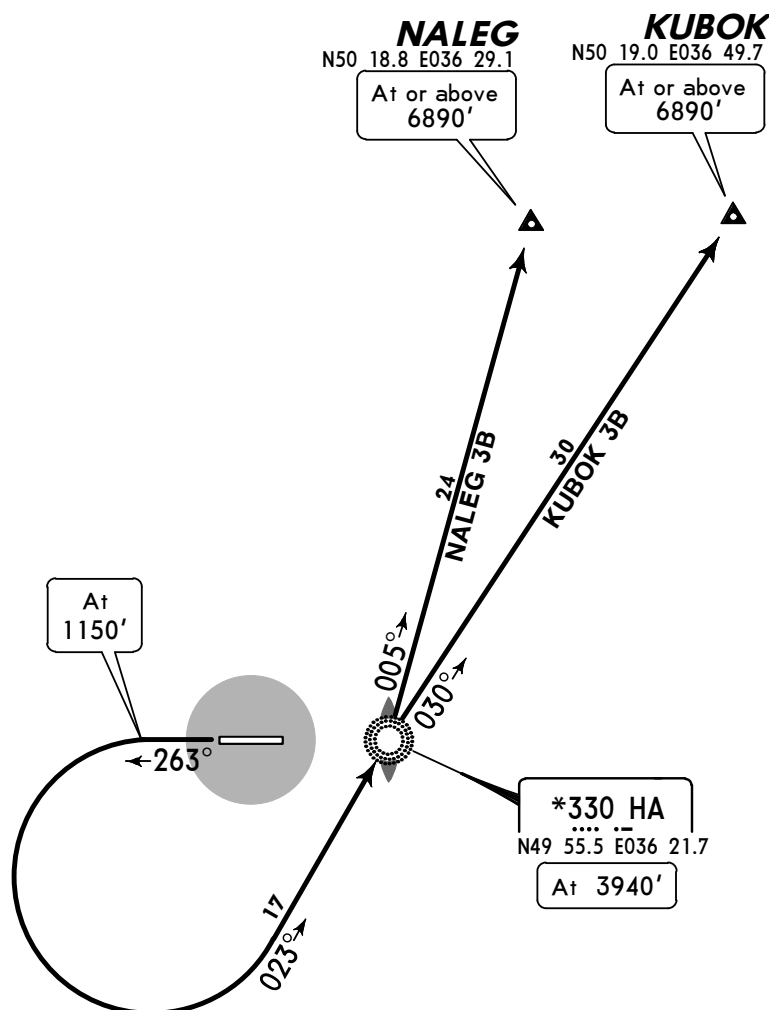
KHARKIV, UKRAINE
SID

Apt Elev
508'

Trans level: By ATC Trans alt: 10010'



KUBOK THREE BRAVO (KUBOK 3B) [KUBO3B]
NALEG THREE BRAVO (NALEG 3B) [NALE3B]
RWY 26 DEPARTURES
TO NORTH



FT/METER CONVERSION	
QNH	
1150'	- 350m
3940'	- 1200m
6890'	- 2100m
10010'	- 3050m

SID	ROUTING
KUBOK 3B	263° track to 1150', turn LEFT, intercept 023° bearing to HA, turn RIGHT, 030° bearing to KUBOK.
NALEG 3B	263° track to 1150', turn LEFT, intercept 023° bearing to HA, turn LEFT, 005° bearing to NALEG.

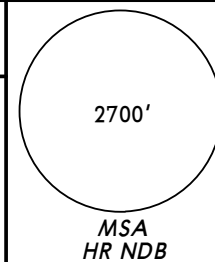
UKHH/HRK
OSNOVA

JEPPESEN
12 NOV 10 **(10-3B)** **Eff 18 Nov**

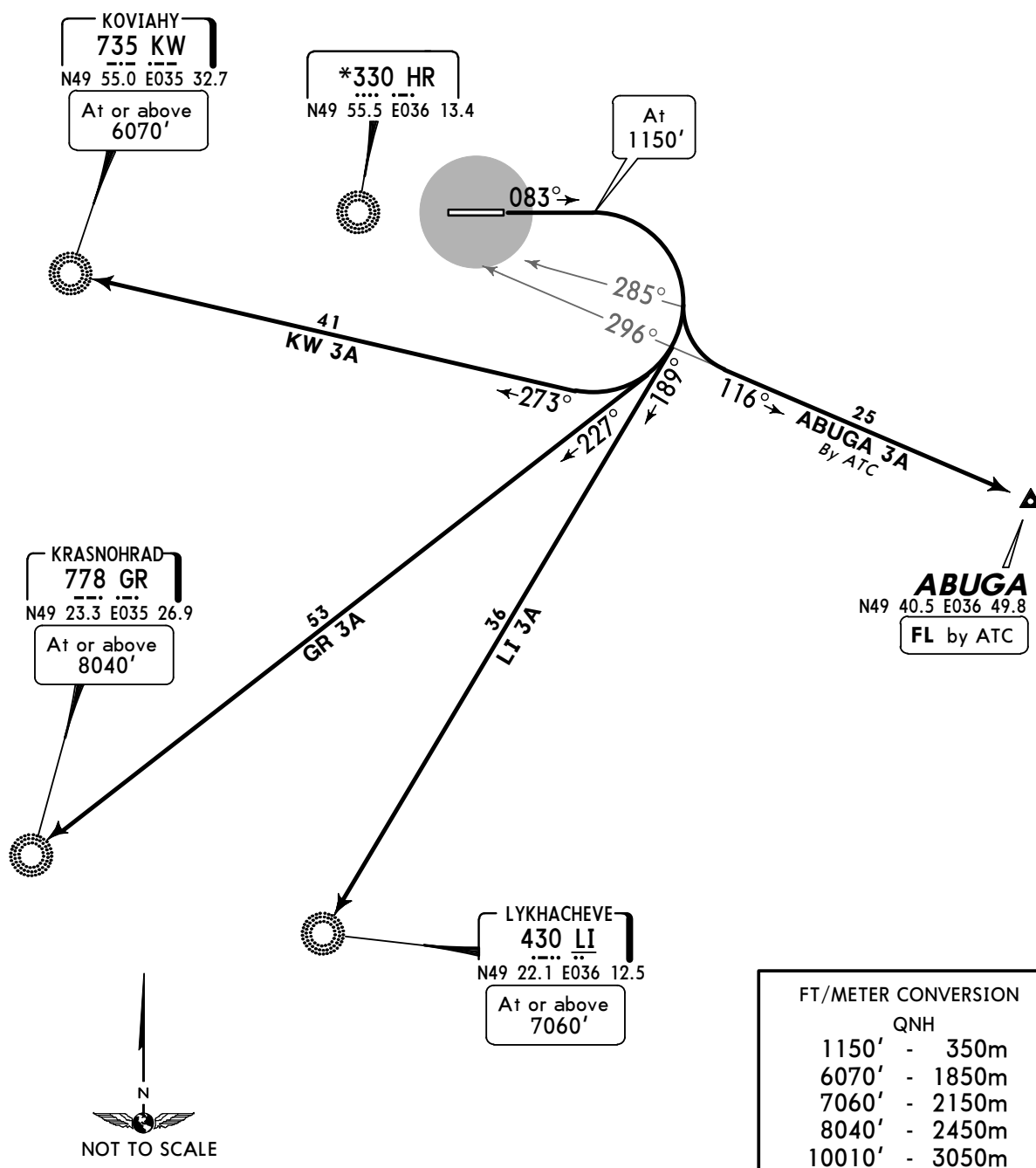
KHARKIV, UKRAINE
SID

Apt Elev
508'

Trans level: By ATC Trans alt: 10010'



ABUGA THREE ALFA (ABUGA 3A) [ABUG3A]
KOVIAHY THREE ALFA (KW 3A)
KRASNOHRAD THREE ALFA (GR 3A)
LYKHACHEVE THREE ALFA (LI 3A)
RWY 08 DEPARTURES
TO SOUTH & WEST



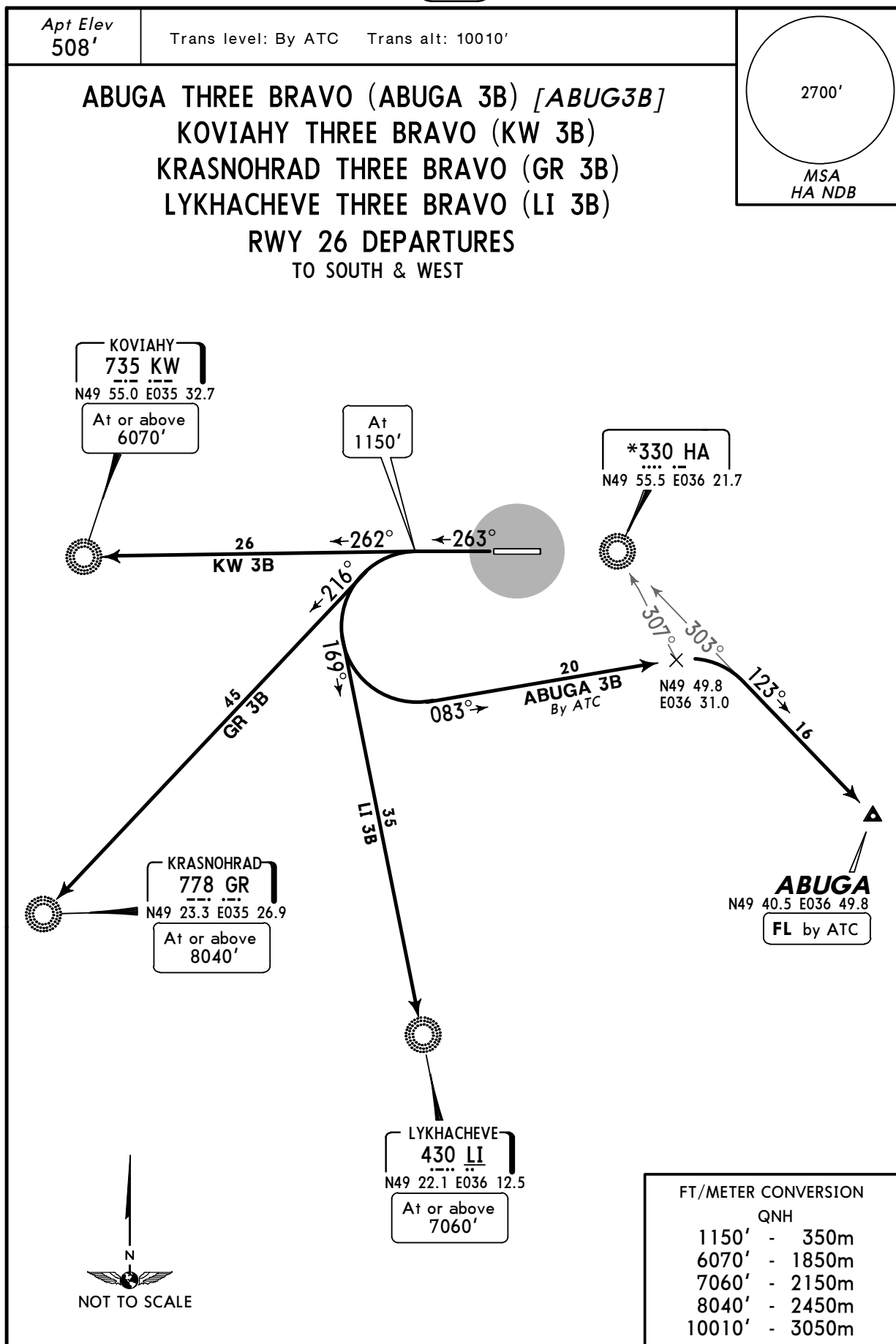
FT/METER CONVERSION	
QNH	
1150'	350m
6070'	1850m
7060'	2150m
8040'	2450m
10010'	3050m

SID	ROUTING
ABUGA 3A By ATC	083° track to 1150', turn RIGHT, at 285° bearing to HR turn LEFT, intercept 116° bearing from HR to ABUGA.
GR 3A	083° track to 1150', turn RIGHT, intercept 227° bearing to GR.
KW 3A	083° track to 1150', turn RIGHT, intercept 273° bearing to KW.
LI 3A	083° track to 1150', turn RIGHT, intercept 189° bearing to LI.

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JEPPESEN
 12 NOV 10 **(10-3C)** **Eff 18 Nov**

KHARKIV, UKRAINE
SID



SID	ROUTING
ABUGA 3B By ATC	263° track to 1150', turn LEFT, 083° track, when passing 307° bearing to HA turn RIGHT, intercept 123° bearing from HA to ABUGA.
GR 3B	263° track to 1150', turn LEFT, intercept 216° bearing to GR.
KW 3B	263° track to 1150', turn LEFT, intercept 262° bearing to KW.
LI 3B	263° track to 1150', turn LEFT, intercept 169° bearing to LI.

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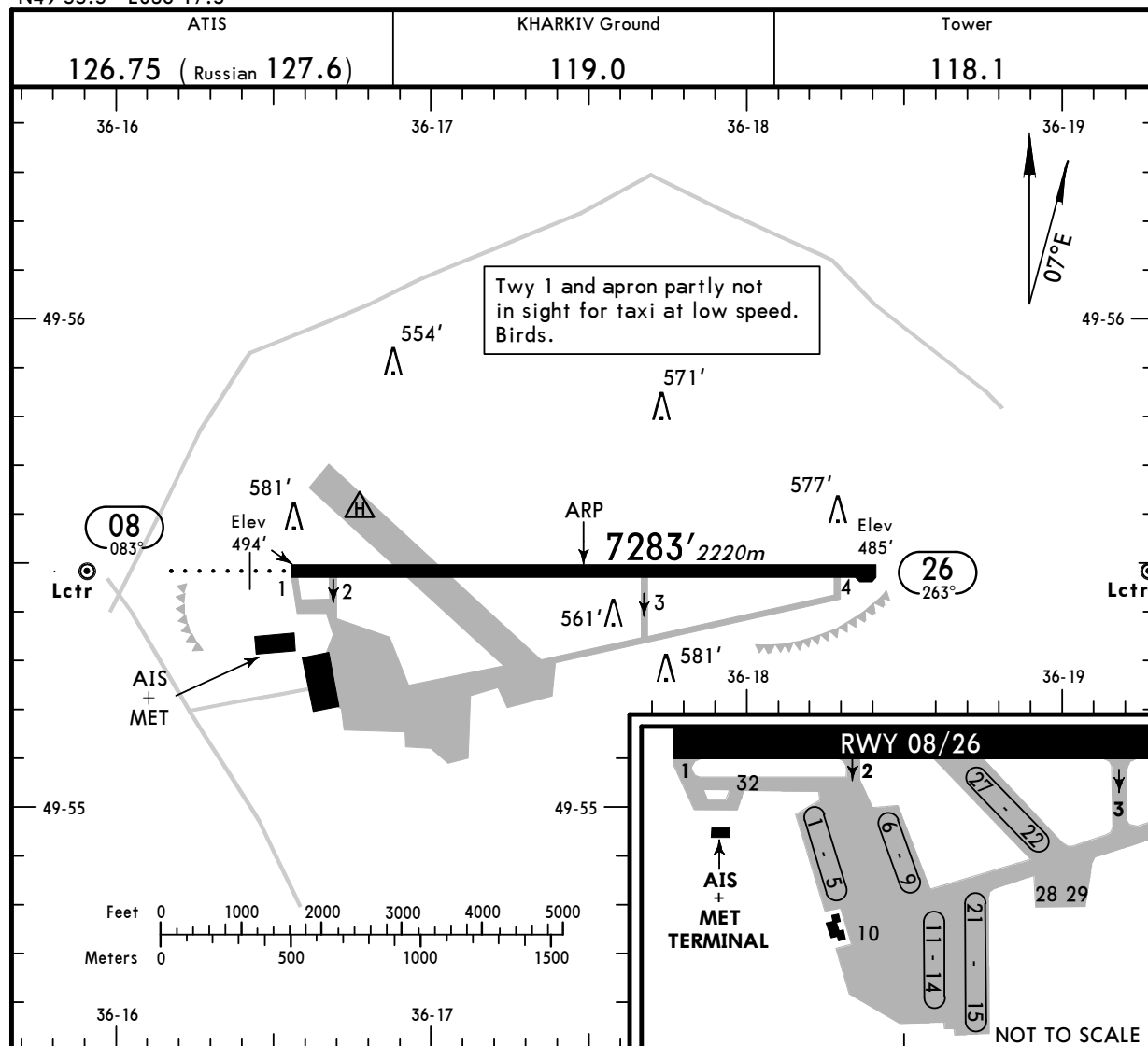
Apt Elev **508'**
 N49 55.5 E036 17.5

JEPPesen

5 NOV 10 **(10-9)** Eff 18 Nov

KHARKIV, UKRAINE

OSNOVA



ADDITIONAL RUNWAY INFORMATION

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		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.

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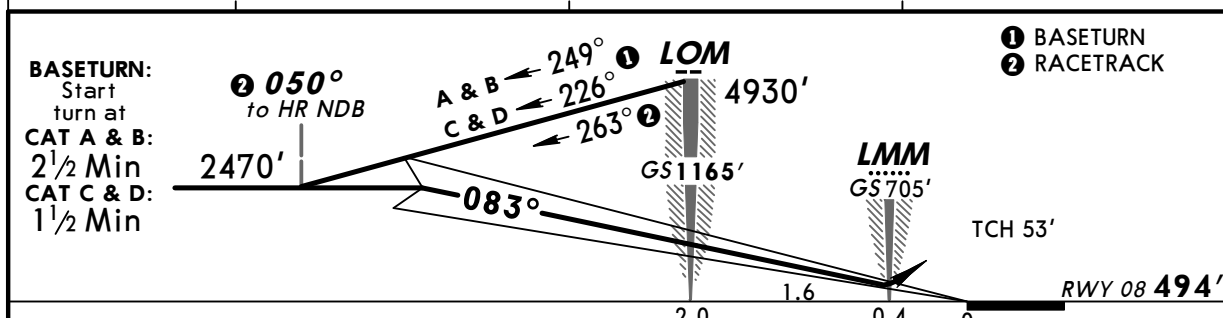
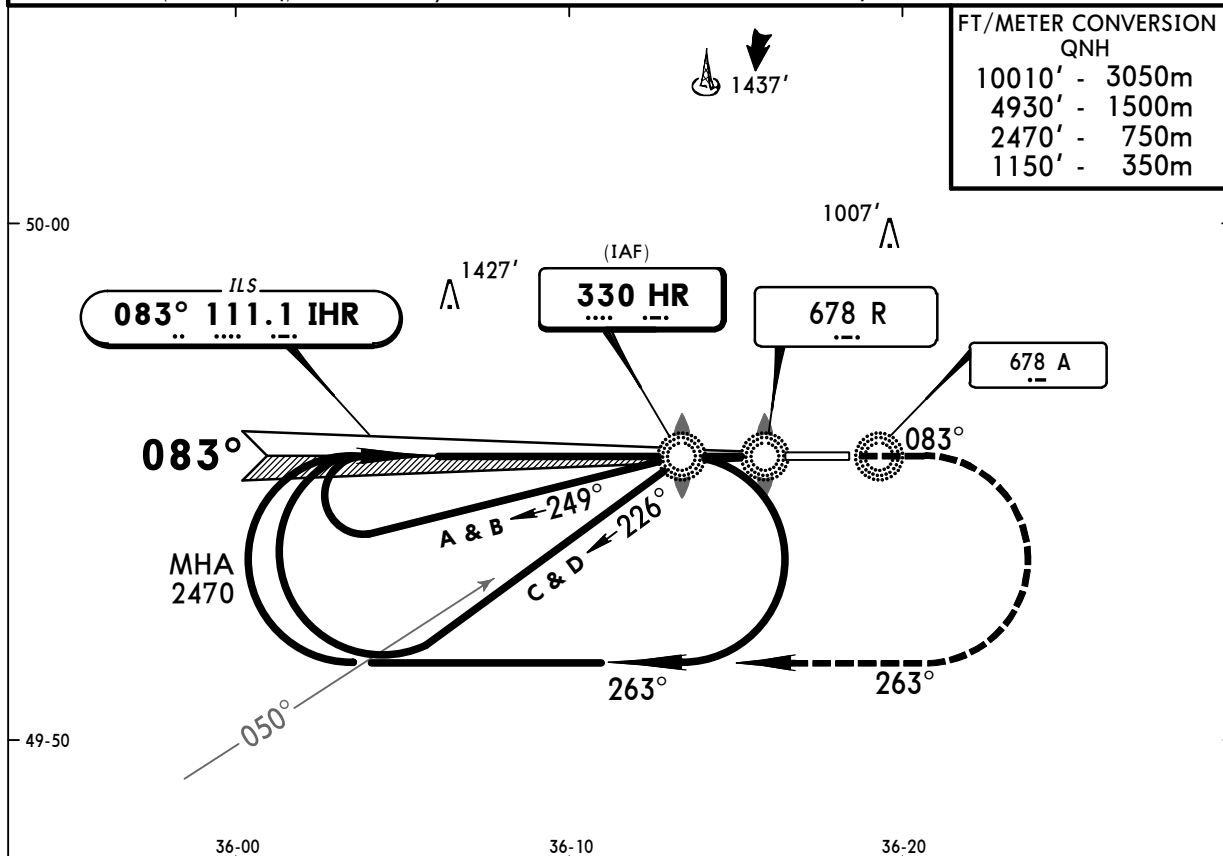
JEPPESSEN
5 NOV 10 **11-1** **Eff 18 Nov**

KHARKIV, UKRAINE
ILS 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 HR NDB	
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 Trans alt: 10010'



Gnd speed-Kts	70	90	100	120	140	160	ALS	1150'	on 083°	263°	2470'
GS	2.83°	356	457	508	610	711	813				

JAR-OPS STRAIGHT-IN LANDING RWY 08				CIRCLE-TO-LAND	
DA(H) A: 712' (218') C: 732' (238') B: 722' (228') D: 741' (247')		LOC (GS out)			
FULL		ALS out			
A				Max Kts	MDA(H) VIS
B				100	1020' (526') 1500m
C	RVR 800m	RVR 1000m	NOT AUTH	135	1200' (706') 1600m
D				180	1420' (926') 2400m
				205	1420' (926') 3600m

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OSNOVA

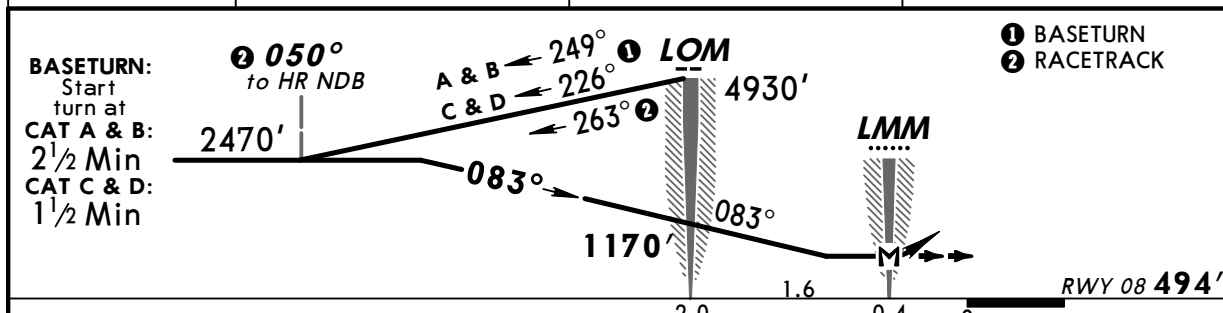
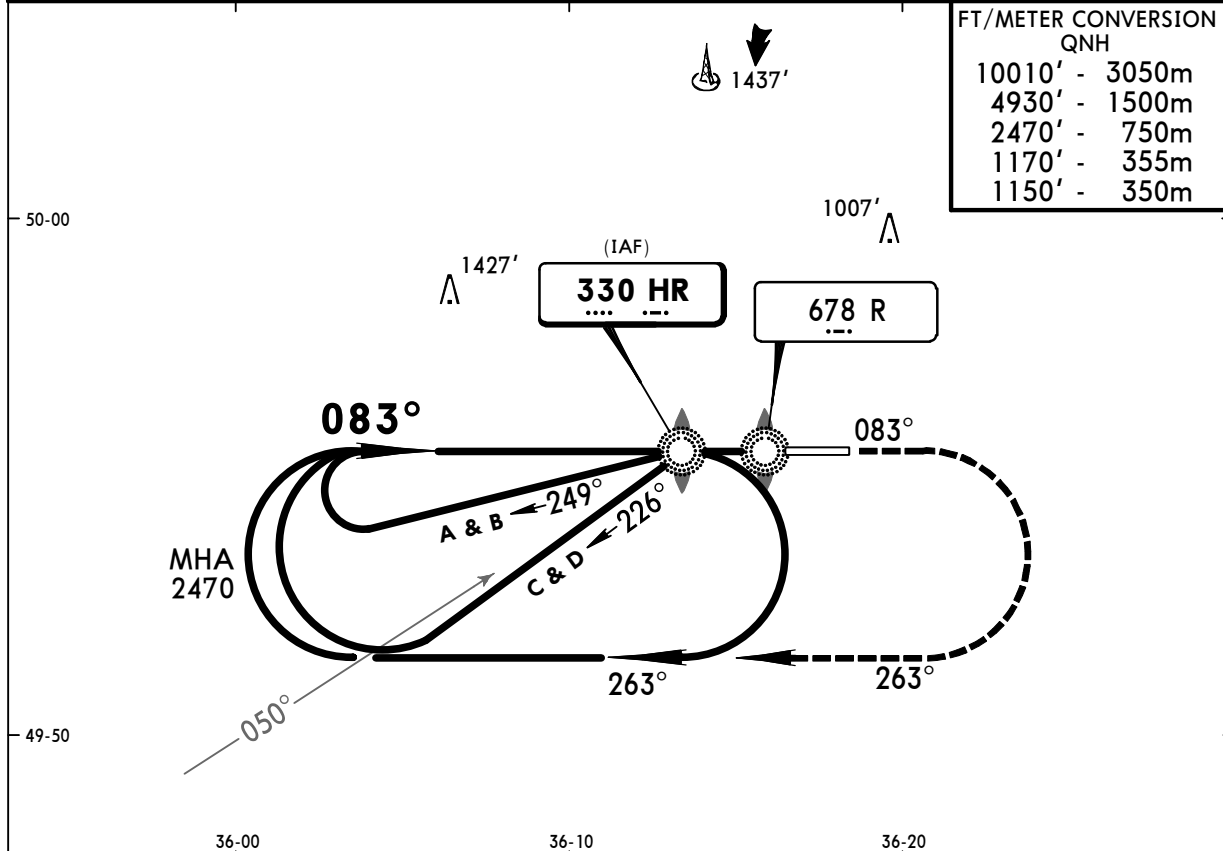
JEPPESEN
5 NOV 10 **(16-1)** **Eff 18 Nov**

KHARKIV, UKRAINE
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	
NDB HR 330	Final Apch Crs 083°	Minimum Alt LOM 1170' (676')	MDA(H) (CONDITIONAL) 830' (336')		Apt Elev 508' RWY 494'		2700' MSA HR NDB	
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		Trans alt: 10010'		

FT/METER CONVERSION QNH	
10010'	3050m
4930'	1500m
2470'	750m
1170'	355m
1150'	350m



Gnd speed-Kts	70	90	100	120	140	160						
Desc angle	2.81°	348	447	497	596	696	795					
MAP at LMM												

JAR-OPS				STRAIGHT-IN LANDING RWY 08				CIRCLE-TO-LAND			
with LOM				w/o LOM							
MDA(H) 830' (336')				MDA(H) 860' (366')							
		ALS out				ALS out		Max Kts	MDA(H)	VIS	
A	RVR 1300m	RVR 1500m		RVR 1300m		RVR 1500m		100	1020' (526')	1500m	
B	RVR 1400m							135	1200' (706')	1600m	
C	RVR 1600m	RVR 1800m		RVR 1600m		RVR 1800m		180	1420' (926')	2400m	
D	RVR 1800m	RVR 2000m		RVR 1800m		RVR 2000m		205	1420' (926')	3600m	

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

CHANGES: Procedure transferred from 11-1.

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PANS OPS

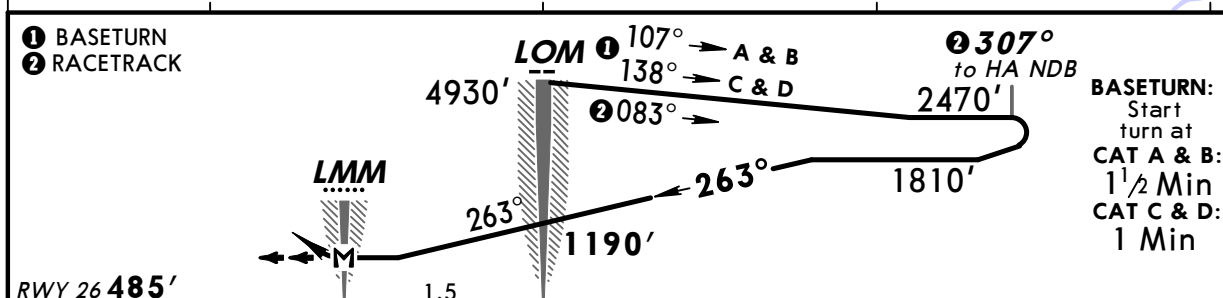
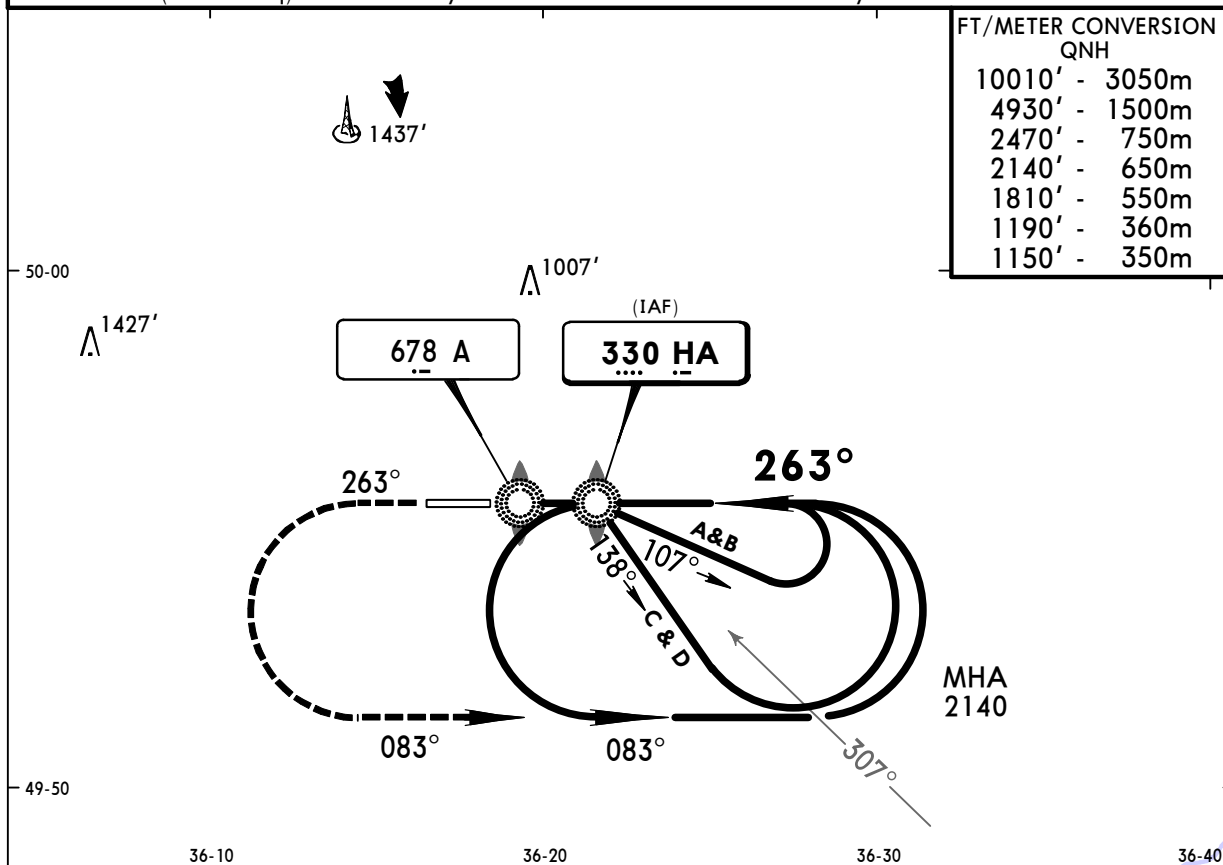
UKHH/HRK
OSNOVA

JEPPESEN
5 NOV 10 **(16-2)** **Eff 18 Nov**

KHARKIV, UKRAINE
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	
NDB HA 330	Final Apch Crs 263°	Minimum Alt LOM 1190'(705')	MDA(H) (CONDITIONAL) 840'(355')	Apt Elev 508' RWY 485'		2700' MSA HA NDB	
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			



RWY 26 485'	0	0.6	1.5	2.1					
Gnd speed-Kts	70	90	100	120	140	160			
Descent angle	2.81°	348	447	497	596	696	795		
MAP at LMM									

JAR-OPS				STRAIGHT-IN LANDING RWY 26		CIRCLE-TO-LAND	
with LOM		w/o LOM					
MDA(H) 840' (355')		MDA(H) 940' (455')					
A	RVR 1500m	RVR 1500m		Max Kts	MDA(H)	VIS	
B	RVR 1500m	RVR 1500m		100	1020' (535')	1500m	
C	RVR 1800m	RVR 2000m		135	1200' (715')	1600m	
D	RVR 2000m	RVR 2000m		180	1420' (935')	2400m	
				205	1420' (935')	3600m	

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