

UKCM
MARIUPOL' INTL

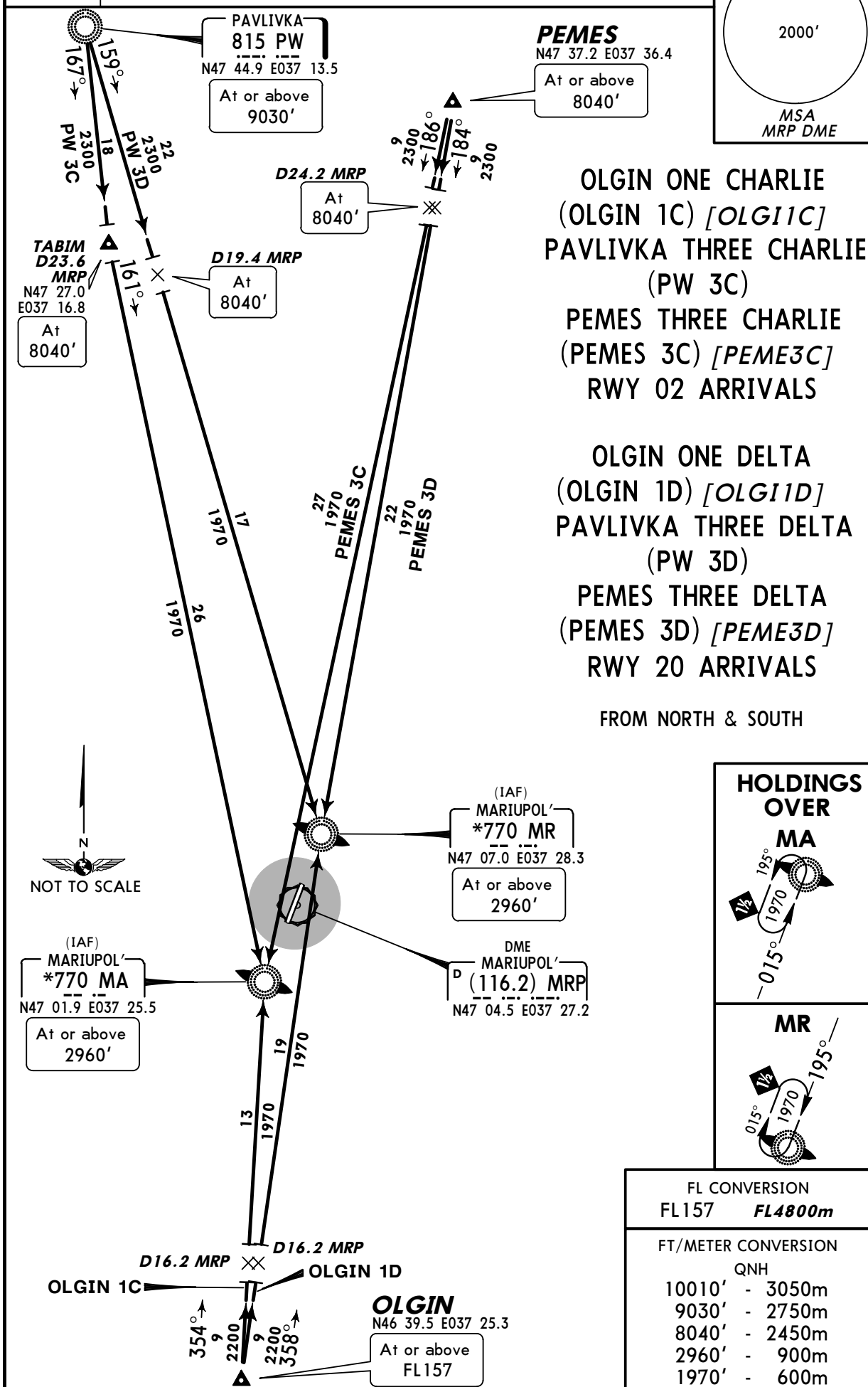
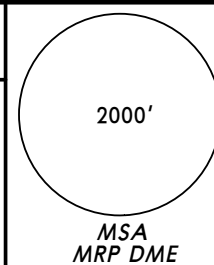
12 OCT 07

MARIUPOL', UKRAINE

Eff 25 Oct**STAR**

Apt Elev
251'

Alt Set: hPa (MM on request)
Trans level: By ATC Trans alt: 10010'



CHANGES: Altitude conversion.

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UKCM MARIUPOL' INTL

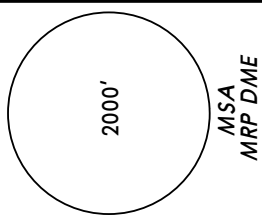
12 OCT 07 **10-2A** Eff 25 Oct

MARIUPOL', UKRAINE

STAR

Apt Elev
251'

Alt Set: hPa (MM on request)
Trans level: By ATC Trans alt: 10010'

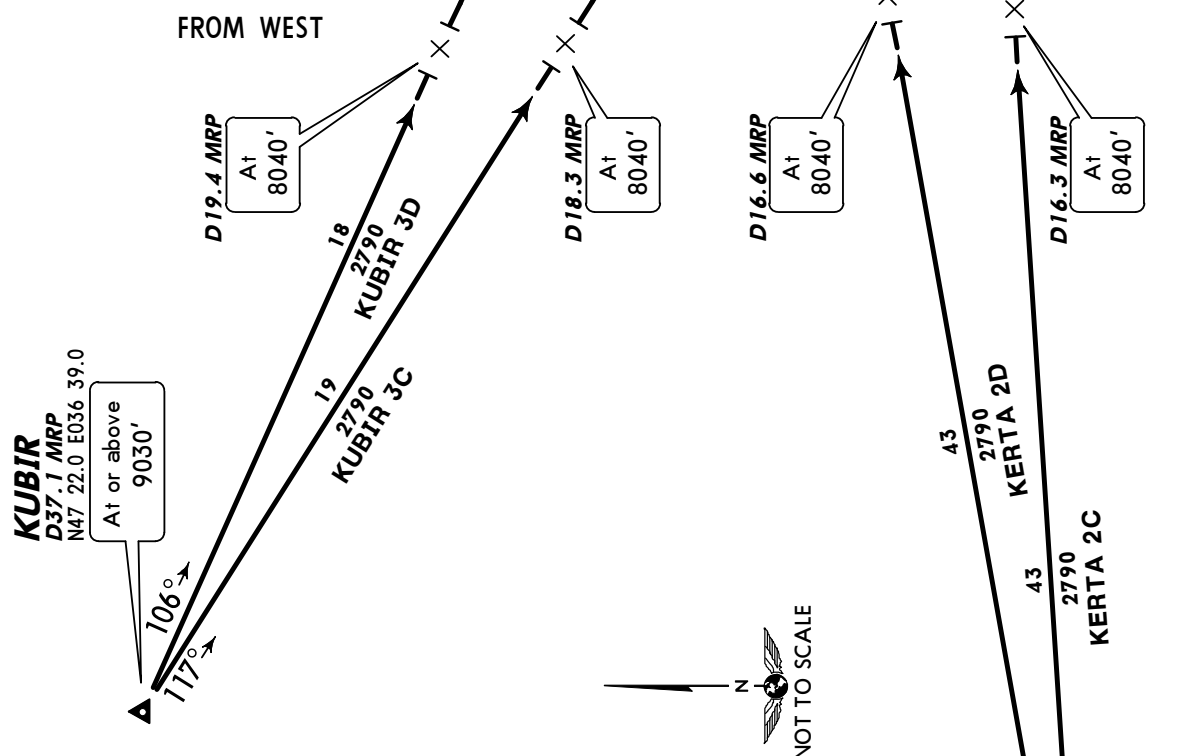


(IAF) MARIUPOL' *770 MR
N47 07.0 E037 28.3
At or above 2960'

DME MARIUPOL' (116.2) MRP
N47 04.5 E037 27.2

KERTA TWO CHARLIE
(KERTA 2C) [KERT2C]
KUBIR THREE CHARLIE
(KUBIR 3C) [KUBI3C]
RWY 02 ARRIVALS

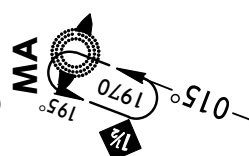
KERTA TWO DELTA
(KERTA 2D) [KERT2D]
KUBIR THREE DELTA
(KUBIR 3D) [KUBI3D]
RWY 20 ARRIVALS



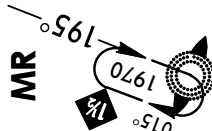
FT/METER CONVERSION

QNH	
10010'	- 3050m
9030'	- 2750m
8040'	- 2450m
2960'	- 900m
1970'	- 600m

HOLDINGS
OVER



MR



KERTA
N46 58.2 E036 00.3
At or above 9030'



UKCM MARIUPOL' INTL

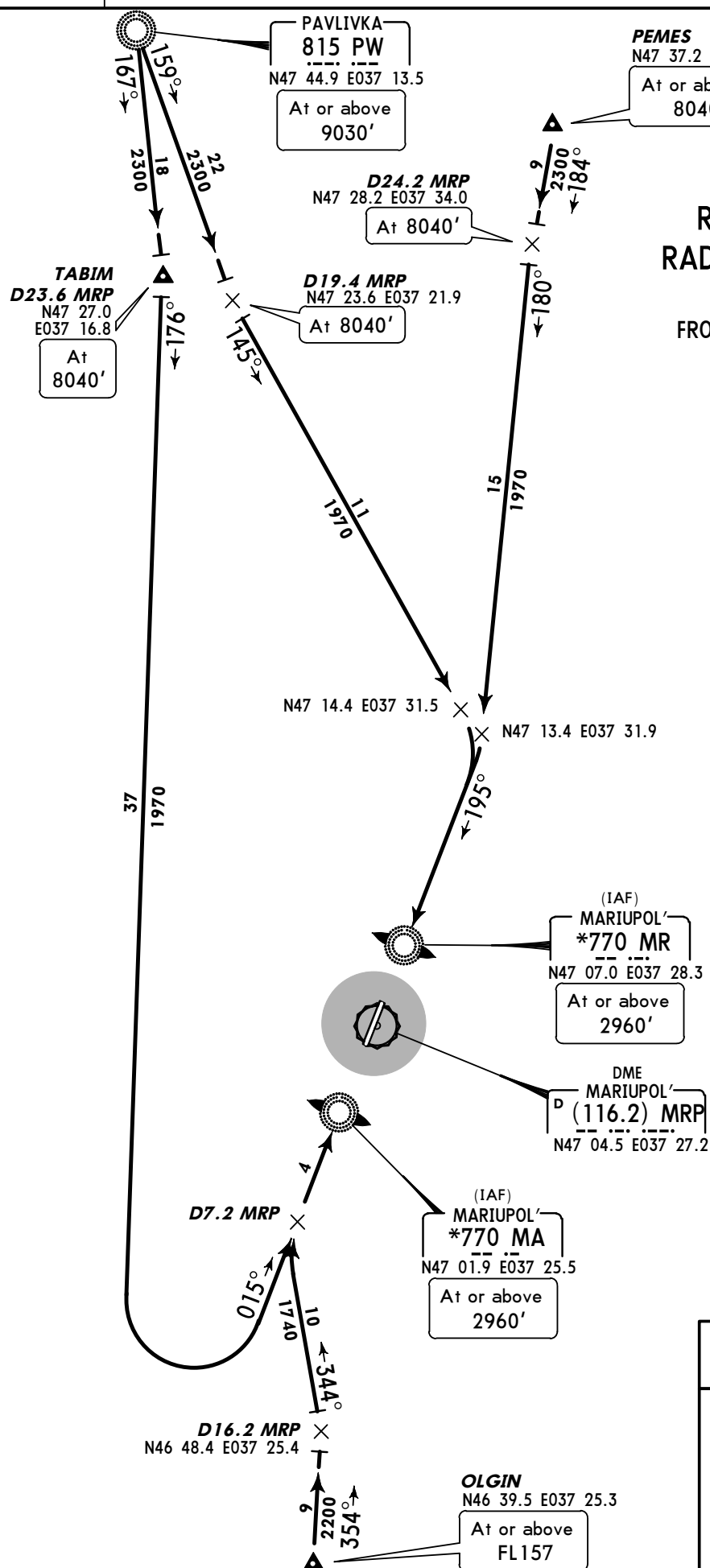
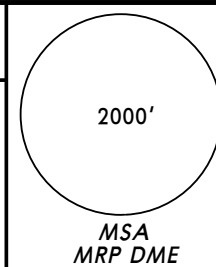
11 JAN 08 **10-2B** Eff 17 Jan

MARIUPOL', UKRAINE

RADAR STAR

Apt Elev
251'

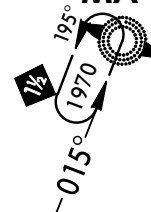
Alt Set: hPa (MM on request)
Trans level: By ATC Trans alt: 10010'



**RWYS 02, 20
RADAR VECTORING
ARRIVALS
FROM NORTH & SOUTH**



HOLDINGS OVER MA



MR



FL CONVERSION
FL157 **FL4800m**

FT/METER CONVERSION	
QNH	
10010'	- 3050m
9030'	- 2750m
8040'	- 2450m
2960'	- 900m
1970'	- 600m

UKCM
MARIUPOL' INTL

11 JAN 08



(10-2C)

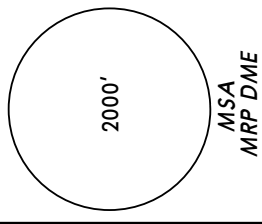
Eff 17 Jan

MARIUPOL', UKRAINE

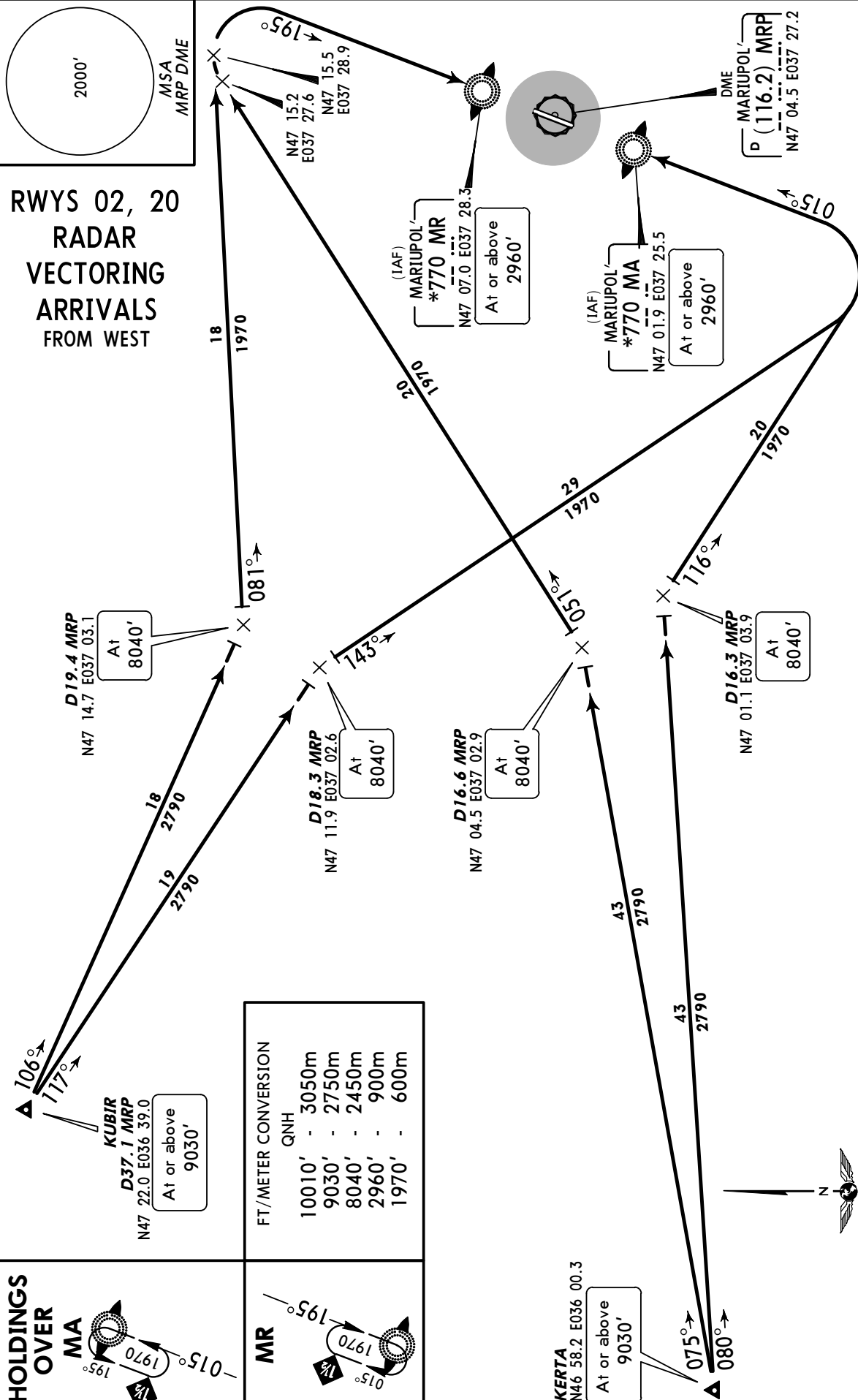
RADAR STAR

Apt Elev
251'

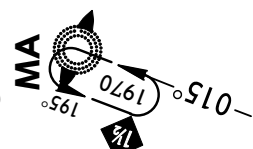
Alt Set: hPa (MM on request)
Trans level: By ATC Trans alt: 10010'



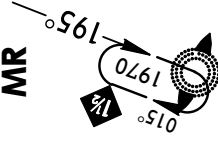
**RWYS 02, 20
RADAR
VECTERING
ARRIVALS
FROM WEST**



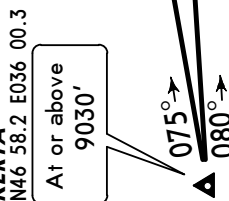
HOLDINGS OVER



M



KERTA



NOT TO SCALE

UKCM MARIUPOL' INTL

JEPPESSEN

MARIUPOL', UKRAINE

12 OCT 07

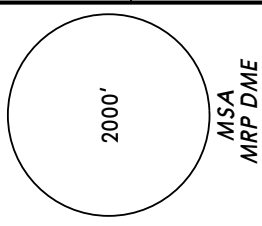
10-3

Eff 25 Oct

SID

Apt Elev
251'

Trans level: By ATC Trans alt: 10010'



KERTA TWO ALFA (KERTA 2A) [KERT2A]
KERTA TWO BRAVO (KERTA 2B) [KERT2B]
KUBIR THREE ALFA (KUBIR 3A) [KUBI3A]
KUBIR THREE BRAVO (KUBIR 3B) [KUBI3B]
KUBIR THREE ECHO (KUBIR 3E) [KUBI3E] ②
RWYS 02, 20 DEPARTURES

SID	RWY	ROUTING
KERTA 2A	02	Climb on 015° track to 1650' or MRP 4.5 DME, whichever is later, turn LEFT, 246° track to GORON, turn RIGHT, 254° track to KERTA.
KERTA 2B	20	Climb on 195° track to 990' or MRP 2.8 DME, whichever is later, turn RIGHT, 314° track, at 069° bearing to MR turn LEFT, intercept 256° bearing from MR to KERTA.
KUBIR 3A	02	Climb on 015° track to 1650' or MRP 4.5 DME, whichever is later, turn LEFT, 271° track to MABAT, turn RIGHT, 292° track to KUBIR.
KUBIR 3B	20	Climb on 195° track to 990' or MRP 2.8 DME, whichever is later, turn RIGHT, 015° track, at 069° bearing to MR turn LEFT, 347° track, at 097° bearing to MR turn LEFT, intercept 288° bearing from MR to KUBIR.
KUBIR 3E ②		Climb on 195° track to 990' or MRP 2.8 DME, whichever is later, turn RIGHT, 314° track, at D19.3 MRP, intercept 288° bearing from MR to KUBIR.

② By ATC.

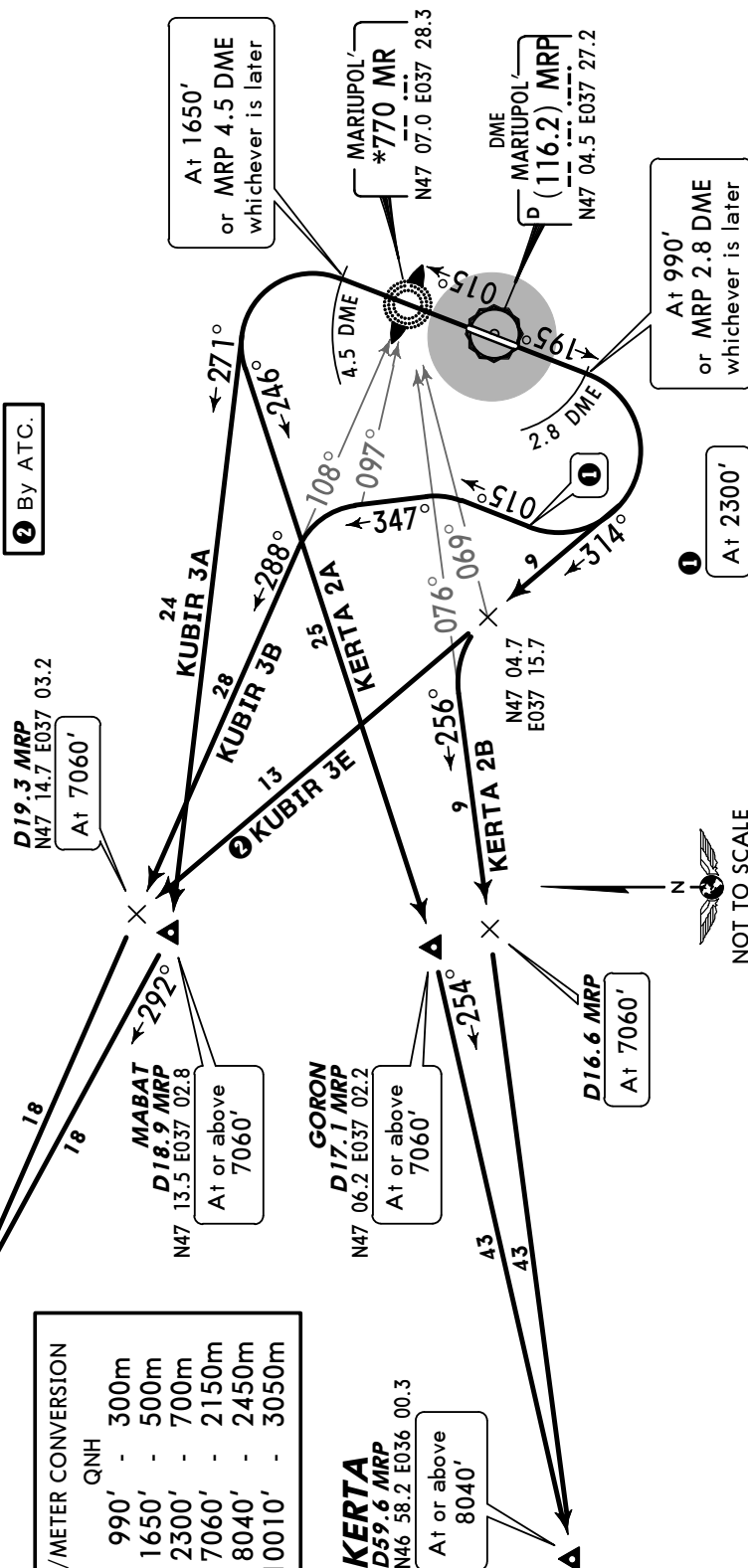
KUBIR
D37.1 MRP
N47 22.0 E036 39.0

At or above
8040'

FT/METER CONVERSION	QNH
990'	- 300m
1650'	- 500m
2300'	- 700m
7060'	- 2150m
8040'	- 2450m
10010'	- 3050m

KERTA
D59.6 MRP
N46 58.2 E036 00.3

At or above
8040'



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MARIUPOL' INTL

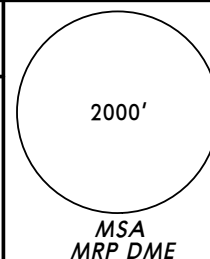
JEPPESEN
12 OCT 07 (10-3A) Eff 25 Oct

MARIUPOL', UKRAINE

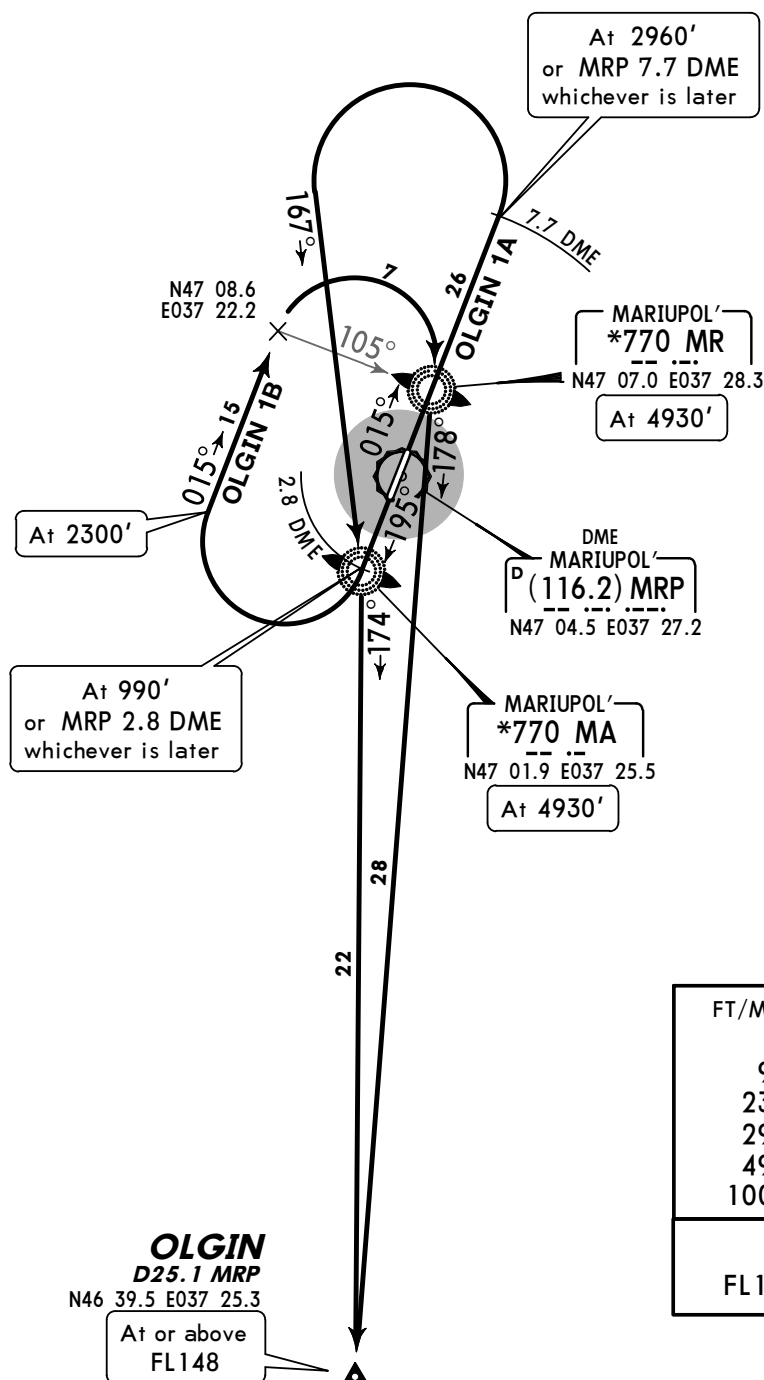
SID

Apt Elev
251'

Trans level: By ATC Trans alt: 10010'



OLGIN ONE ALFA (OLGIN 1A)[OLGI1A]
OLGIN ONE BRAVO (OLGIN 1B)[OLGI1B]
RWYS 02, 20 DEPARTURES



FT/METER CONVERSION

QNH

990'	-	300m
2300'	-	700m
2960'	-	900m
4930'	-	1500m
10010'	-	3050m

FL CONVERSION

FL148 FL4500m

SID	RWY	ROUTING
OLGIN 1A	02	Climb on 015° track to 2960' or MRP 7.7 DME, whichever is later, turn LEFT, intercept 167° bearing to MA, turn RIGHT, 174° bearing to OLGIN.
OLGIN 1B	20	Climb on 195° track to 990' or MRP 2.8 DME, whichever is later, turn RIGHT, 015° track, at 105° bearing to MR turn RIGHT to MR, 178° bearing to OLGIN.

UKCM
MARIUPOL' INTL

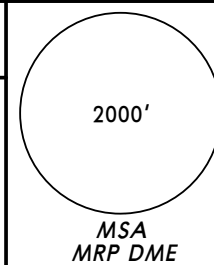
JEPPESEN
12 OCT 07 (10-3B) Eff 25 Oct

MARIUPOL', UKRAINE

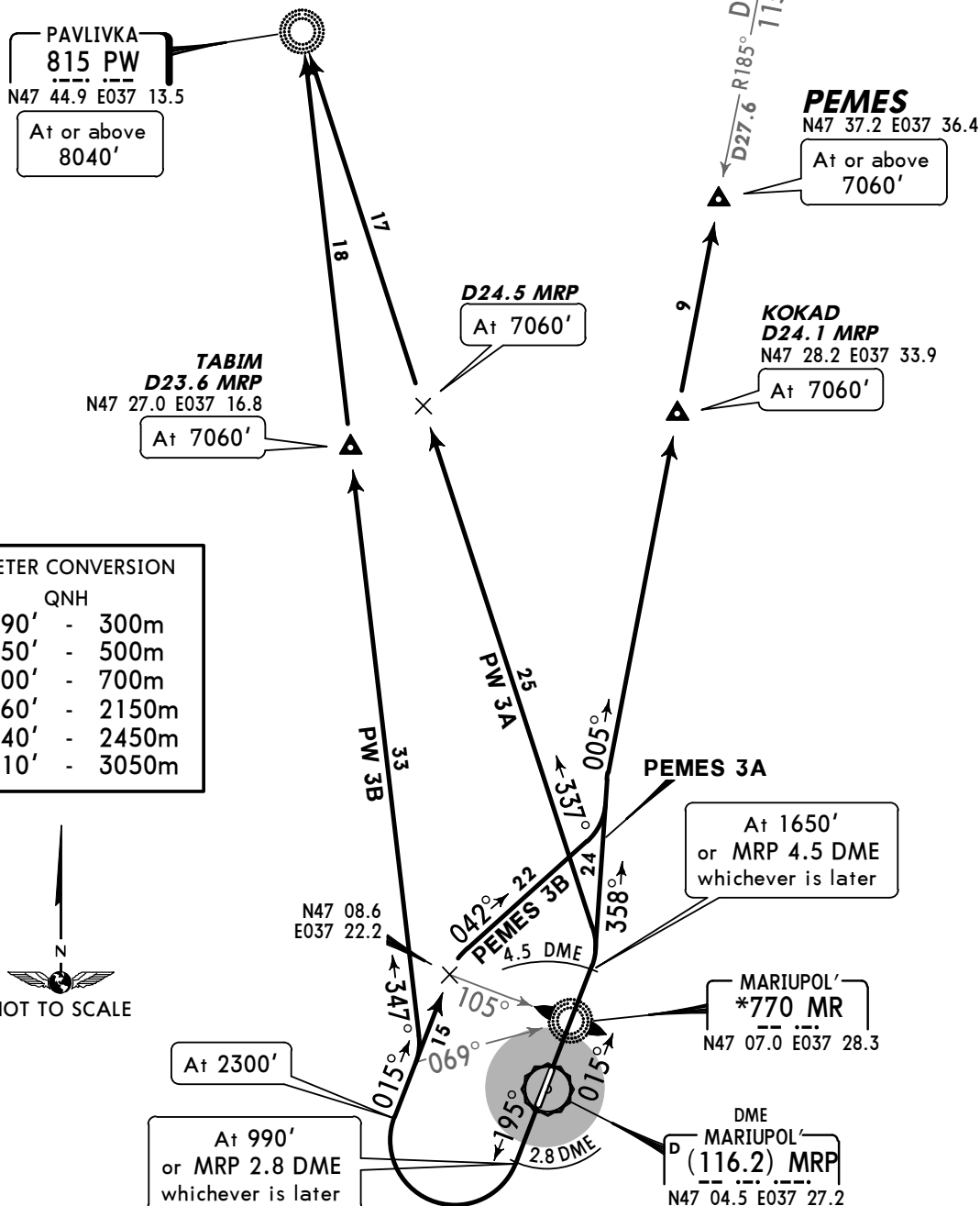
SID

Apt Elev
251'

Trans level: By ATC Trans alt: 10010'



PAVLIVKA THREE ALFA (PW 3A)
PAVLIVKA THREE BRAVO (PW 3B)
PEMES THREE ALFA (PEMES 3A)[PEME3A]
PEMES THREE BRAVO (PEMES 3B)[PEME3B]
RWYS 02, 20 DEPARTURES



SID	RWY	ROUTING
PEMES 3A	02	Climb on 015° track to 1650' or MRP 4.5 DME, whichever is later, turn LEFT, 358° track, turn RIGHT, intercept DON R-185 inbound via KOKAD to PEMES.
PEMES 3B	20	Climb on 195° track to 990' or MRP 2.8 DME, whichever is later, turn RIGHT, 015° track, at 105° bearing to MR turn RIGHT, 042° track, turn LEFT, intercept DON R-185 inbound via KOKAD to PEMES.
PW 3A	02	Climb on 015° track to 1650' or MRP 4.5 DME, whichever is later, turn LEFT, intercept 337° bearing to PW.
PW 3B	20	Climb on 195° track to 990' or MRP 2.8 DME, whichever is later, turn RIGHT, 015° track, at 069° bearing to MR turn LEFT, intercept 347° bearing via TABIM to PW.

UKCM

Apt Elev **251'**
N47 04.6 E037 27.0

JEPPESEN

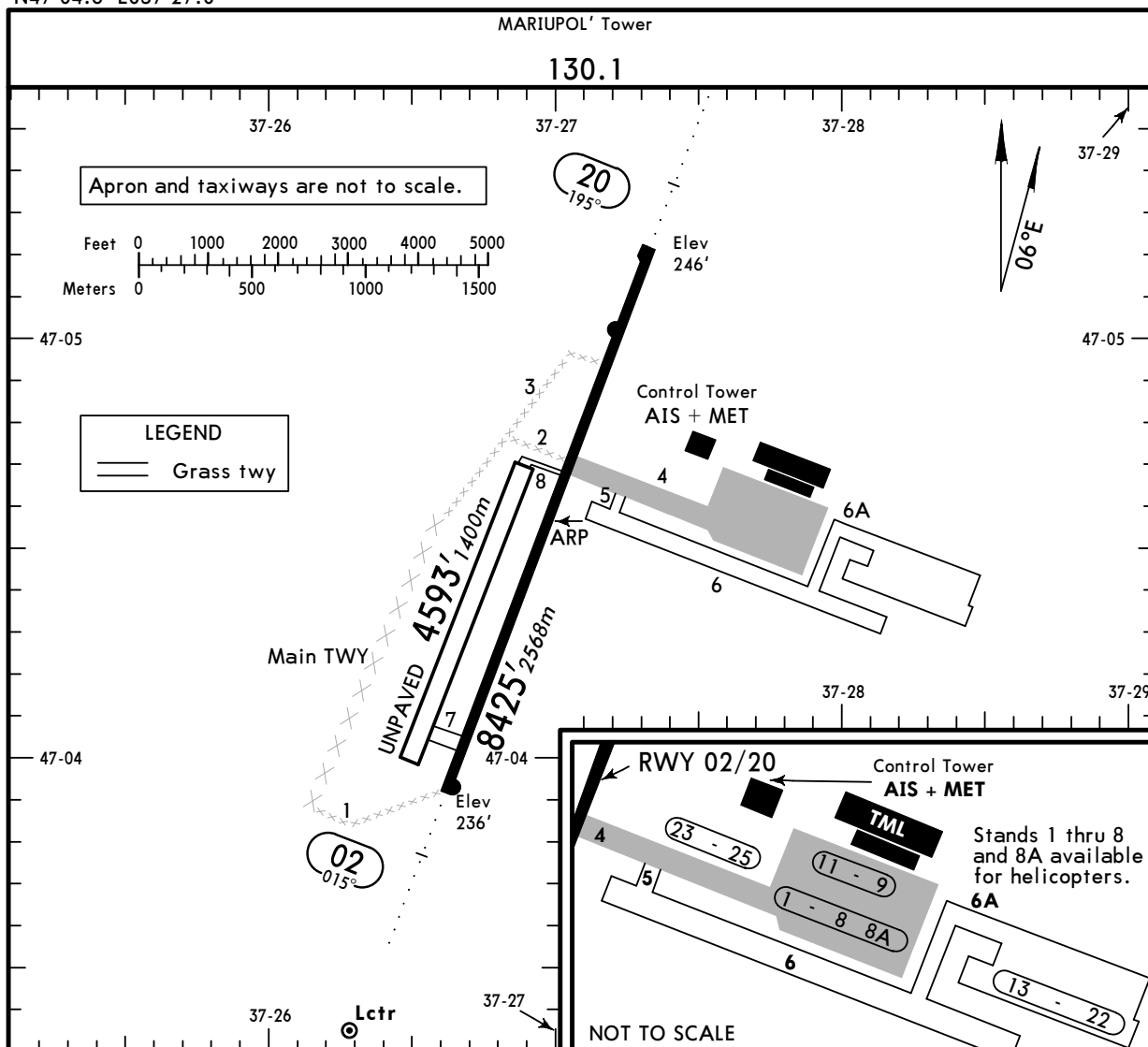
14 SEP 07

(10-9)

Eff 27 Sep

MARIUPOL', UKRAINE

MARIUPOL' INTL



ADDITIONAL RUNWAY INFORMATION

				USABLE LENGTHS			WIDTH
				LANDING BEYOND		TAKE-OFF	
RWY				Threshold	Glide Slope		
02	RL (60m)	ALS	PAPI-L (angle 2.67°)	8130' 2478m	7219' 2200m	8130' 2478m	138'
20	RL (60m)	ALS	PAPI-L (angle 3.0°)	8310' 2533m	7459' 2273m	①	42m
02	Unpaved runway						279'
20							85m

① TAKE-OFF RUN AVAILABLE

RWY 20:

From rwy head 8310' (2533m)
twy 4 int 5194' (1583m)

TAKE-OFF

AIR CARRIER (JAA)

Main rwy

LVP must be in force

RCLM (DAY only)
or RL

RCLM (DAY only)
or RL

A

B

C

D

250m

300m

400m

UKCM MARIUPOL' INTL

JEPPESEN
12 OCT 07
Eff 25 Oct 11-1

MARIUPOL', UKRAINE ILS or 2 NDB Rwy 02

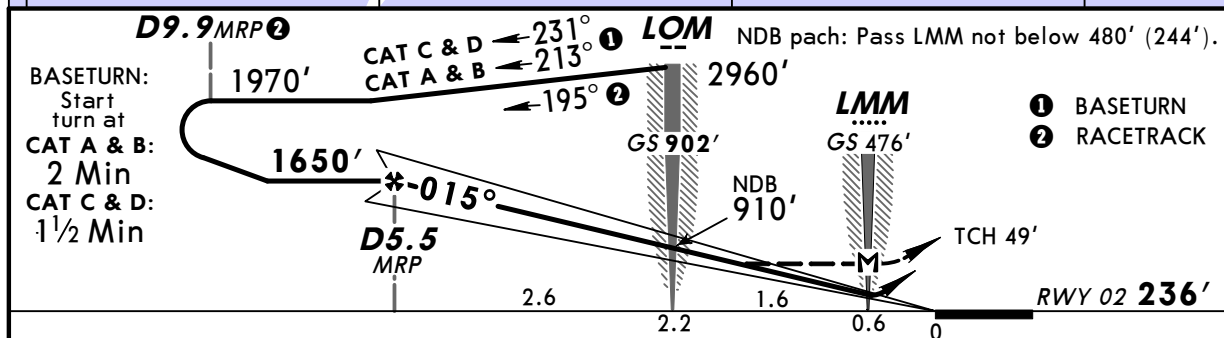
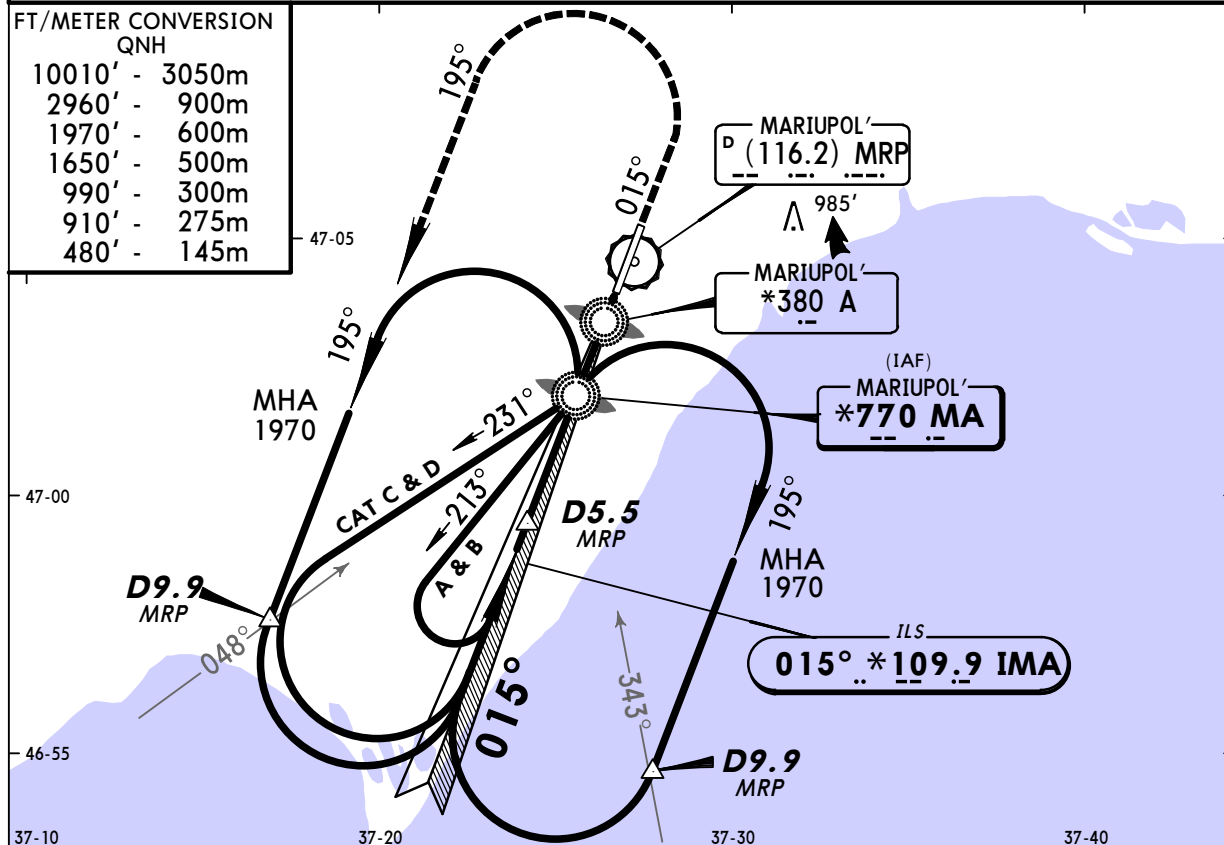
BRIEFING STRIP

MARIUPOL' Tower					
130.1					
LOC IMA *109.9	Final Apch Crs 015°	GS LOM 902' (666')	ILS DA(H) Refer to Minimums	Apt Elev 251' RWY 236'	2000'
NDB MA *770		Minimum Alt D5.5 MRP 1650' (1414')	NDB MDA(H) 580' (344')		
MISSED APCH: Climb on 015° to 990', then turn LEFT on 195° climbing to 1970', then according to chart.					

Alt Set: hPa (MM on req) Rwy Elev: 9 hPa Trans level: By ATC Trans alt: 10010'

FT/METER CONVERSION
QNH

10010'	3050m
2960'	900m
1970'	600m
1650'	500m
990'	300m
910'	275m
480'	145m



Gnd speed-Kts	70	90	100	120	140	160	ALS	990'	on 015°	195°	1970'
ILS GS 2.67° or NDB Desc Grad 4.7%	336	432	480	576	671	767	PAPI				
MAP at LMM											

STRAIGHT-IN LANDING RWY 02				CIRCLE-TO-LAND	
ILS		LOC (GS out)		Not authorized East of apt	
ABC: 436' (200') D: 443' (207')					
FULL		ALS out			
A				Max Kts	MDA(H)
B				100	680' (429') 1600m
C				135	940' (689') 1600m
D				180	1040' (789') 3600m
				205	1040' (789') 4000m

CHANGES: Altitudes.

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UKCM
MARIUPOL' INTL

12 OCT 07
Eff 25 Oct

MARIUPOL', UKRAINE
ILS or 2 NDB Rwy 20

BRIEFING STRIP™

MARIUPOL' Tower					
130.1					
LOC IMR *108.5	Final Apch Crs 195°	GS LOM 886' (640')	ILS DA(H) 446' (200')	Apt Elev 251' RWY 246'	2000'
NDB MR *770		Minimum Alt D5.0 MRP 1650' (1404')	NDB MDA(H) (CONDITIONAL) 610' (364')		
MISSED APCH: Climb on 195° to 990', then turn RIGHT on 015° climbing to 1970', then according to chart.					

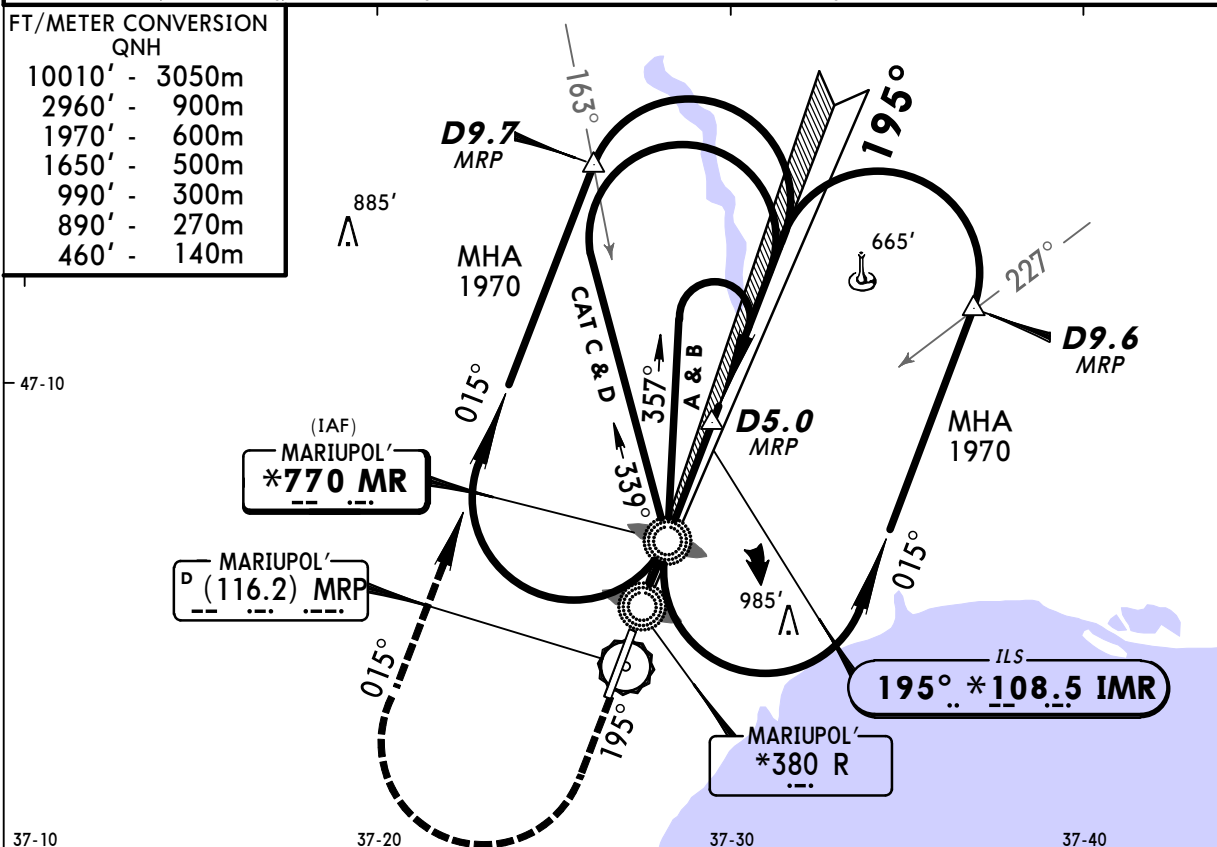
Alt Set: hPa (MM on req)

Rwy Elev: 9 hPa

Trans level: By ATC

Trans alt: 10010'

FT/METER CONVERSION	
QNH	
10010'	- 3050m
2960'	- 900m
1970'	- 600m
1650'	- 500m
990'	- 300m
890'	- 270m
460'	- 140m



NDB apch: Pass LMM not below 460' (214').

3 RIGHT HAND RACETRACK

4 LEFT HAND RACETRACK

BASETURN:
 Start
 turn at
CAT A & B:
 2 Min
CAT C & D:
 1½ Min

- ➊ Baseturn
- ➋ Racetrack

<i>Gnd speed-Kts</i>	70	90	100	120	140	160	ALS PAPI	990' on 195°	015° RT	1970'
<i>ILS GS 3.00° or NDB Desc Grad 5.2%</i>	377	484	538	646	753	861				
<i>MAP at LMM</i>										

STRAIGHT-IN LANDING RWY 20							CIRCLE-TO-LAND	
ILS		LOC	NDB				Not authorized	
		(GS out)	with LOM		w/o LOM		East of apt	
DA(H) 446' (200')			MDA(H) 610' (364')		MDA(H) 730' (484')			
FULL		ALS out		ALS out		ALS out	Max Kts.	MDA(H)
A	1200m		NOT AUTH		1600m		100	680' (429') 1600m
B							135	940' (689') 1600m
C					2000m		180	1040' (789') 3600m
D					2000m		205	1040' (789') 4000m

1 After NDB apch w/o LOM: MDA(H) 730' (479').

CHANGES: Altitudes.

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PANS OPS