

ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

No revision activity since Disc 09-2011

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UKCM

UKCM (Mariupol' International)**General Info**

Mariupol', UKR

N 47° 04.6' E 37° 27.0' Mag Var: 5.8°E

Elevation: 251'

Public, IFR, Control Tower, Customs

Time Zone Info: GMT+2:00 uses DST

Runway Info

Runway 02-20 8425' x 138' asphalt

Runway 02 (15.0°M) TDZE 236'

Lights: Edge, ALS

Runway 20 (195.0°M) TDZE 246'

Lights: Edge, ALS

Right Traffic

Communications InfoMariupol' Tower **130.1****Notebook Info**

UKCM
MARIUPOL' INTL

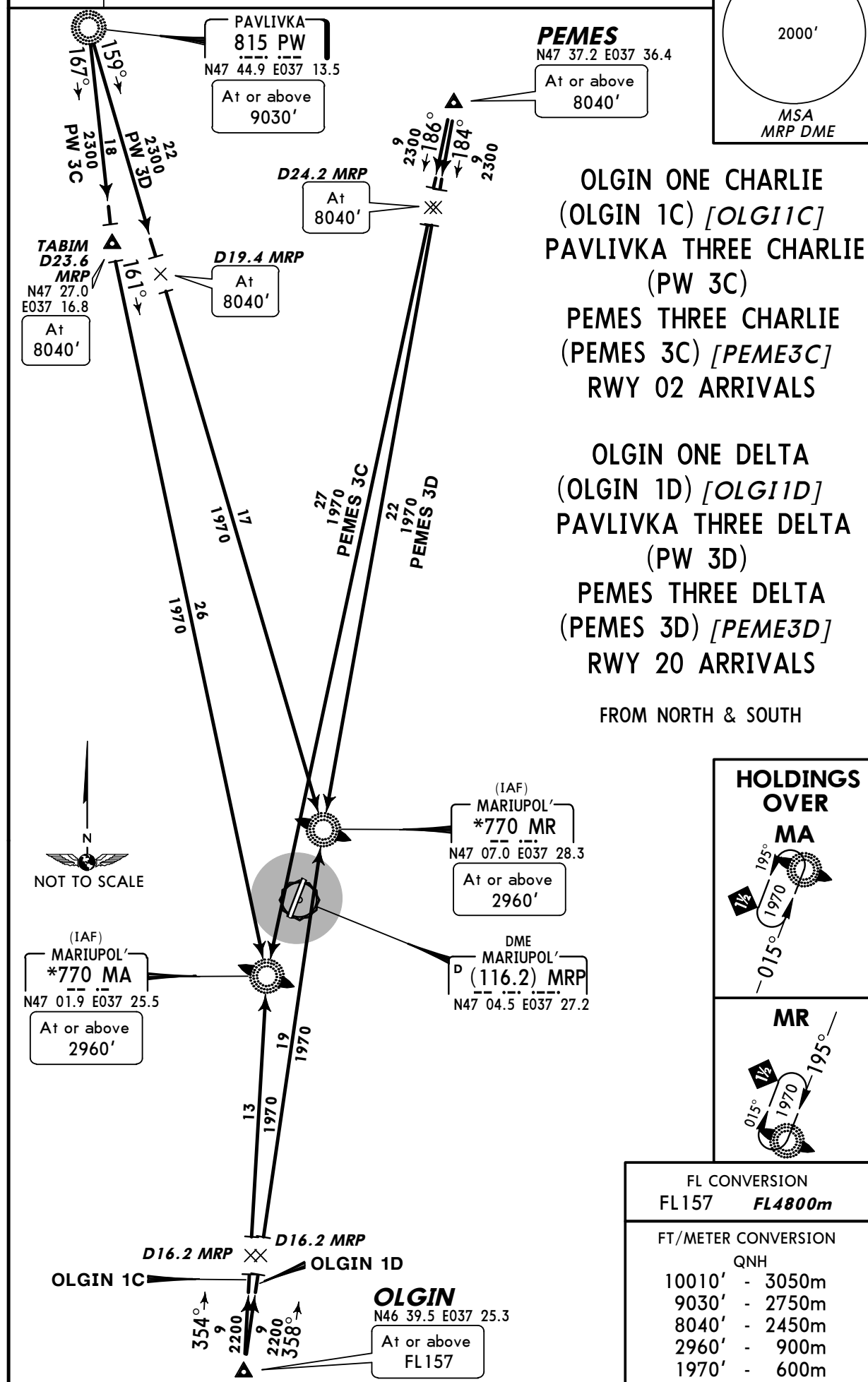
JEPPESEN **M**
12 OCT 07 **10-2** **Eff 25 Oct**

MARIUPOL', UKRAINE

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

MARIUPOL', UKRAINE

12 OCT 07

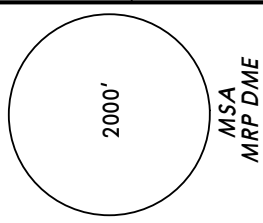
10-2A

Eff 25 Oct

STAR

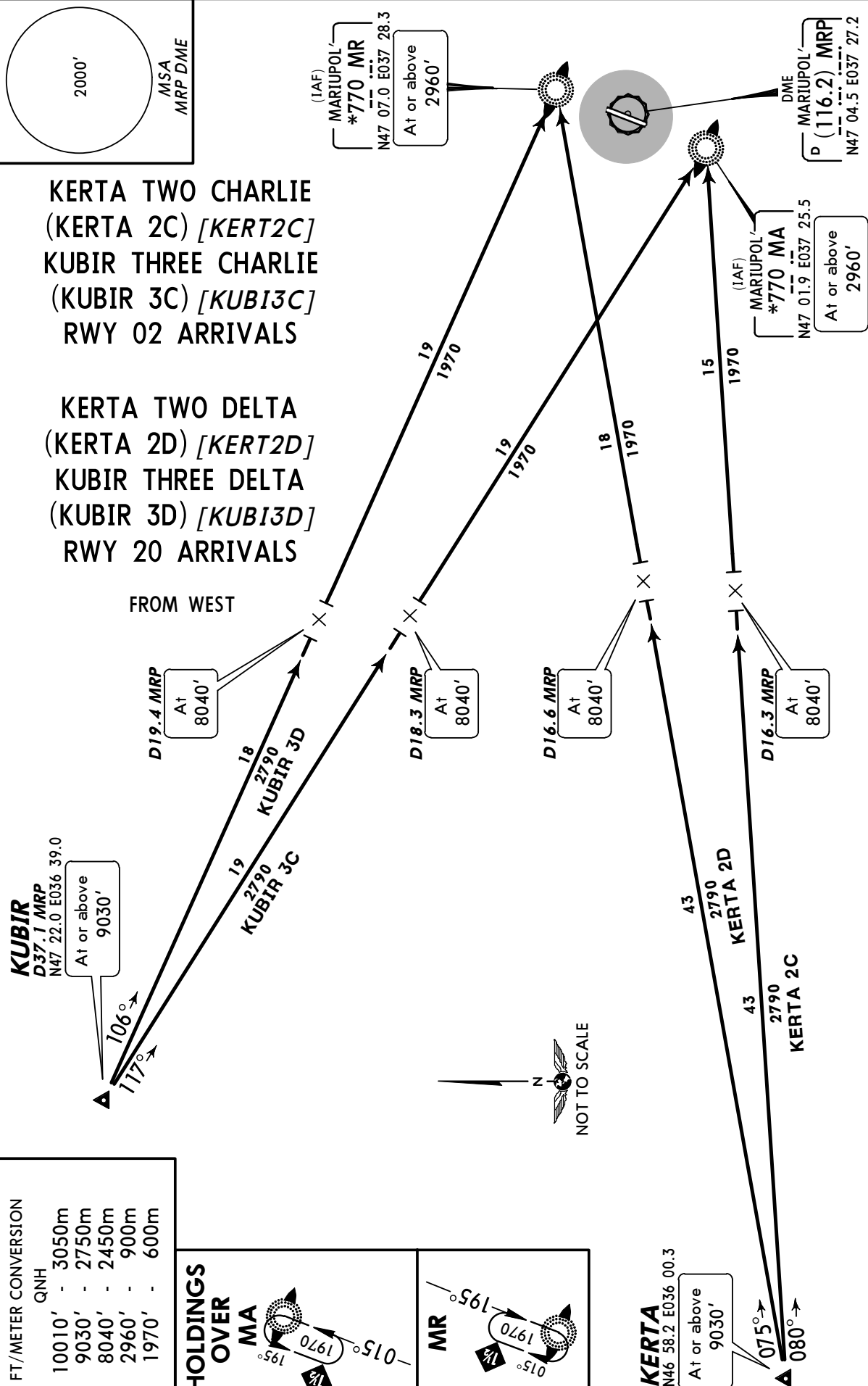
Apt Elev
251'

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



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

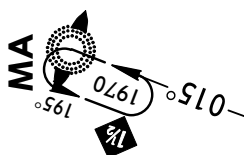


FT/METER CONVERSION

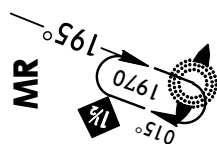
GNH

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

HOLDINGS OVER



MR



KERTA

46 58.2 E036 00.3

At or above 90.30'

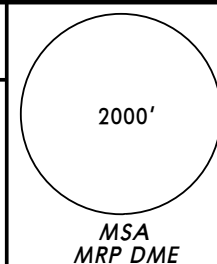
UKCM
MARIUPOL' INTL

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

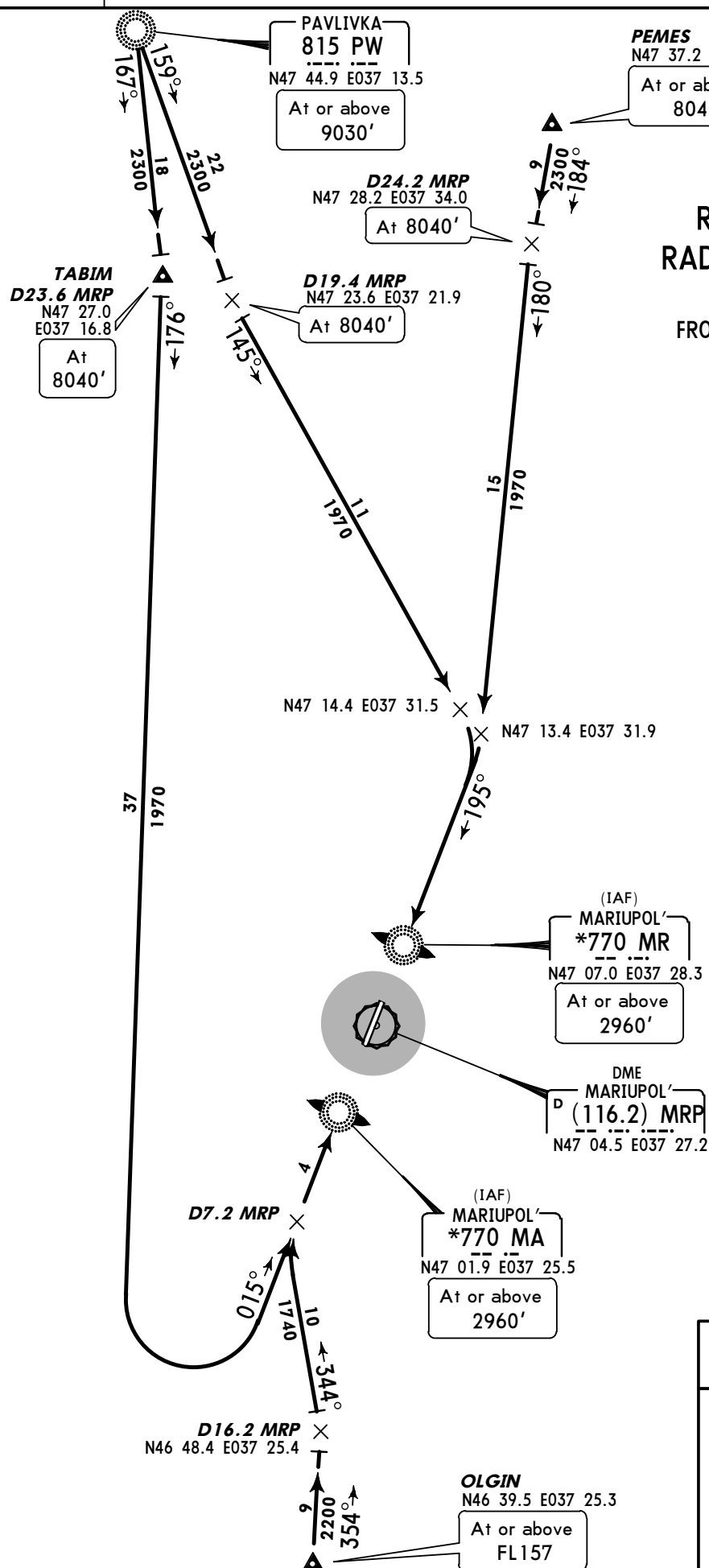
MARIUPOL', UKRAINE
RADAR STAR

Apt Elev
251'

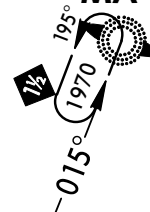
Alt Set: hPa (MM on request)
Trans level: By ATC Trans alt: 10010'



RWYS 02, 20
RADAR VECTORED
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

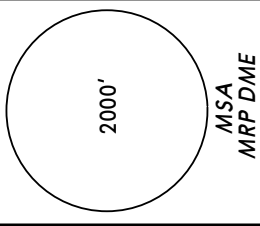
UKCM MARIUPOL' INTL

JEPPesen
11 JAN 08 **10-2C** Eff 17 Jan

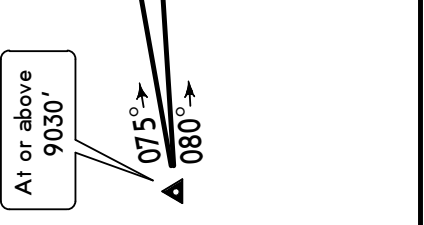
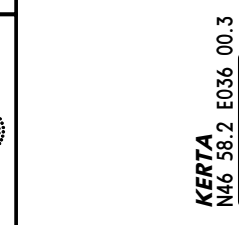
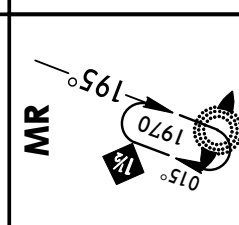
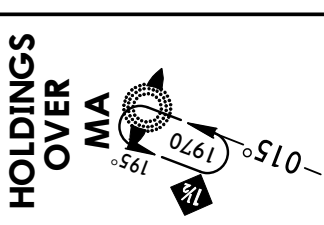
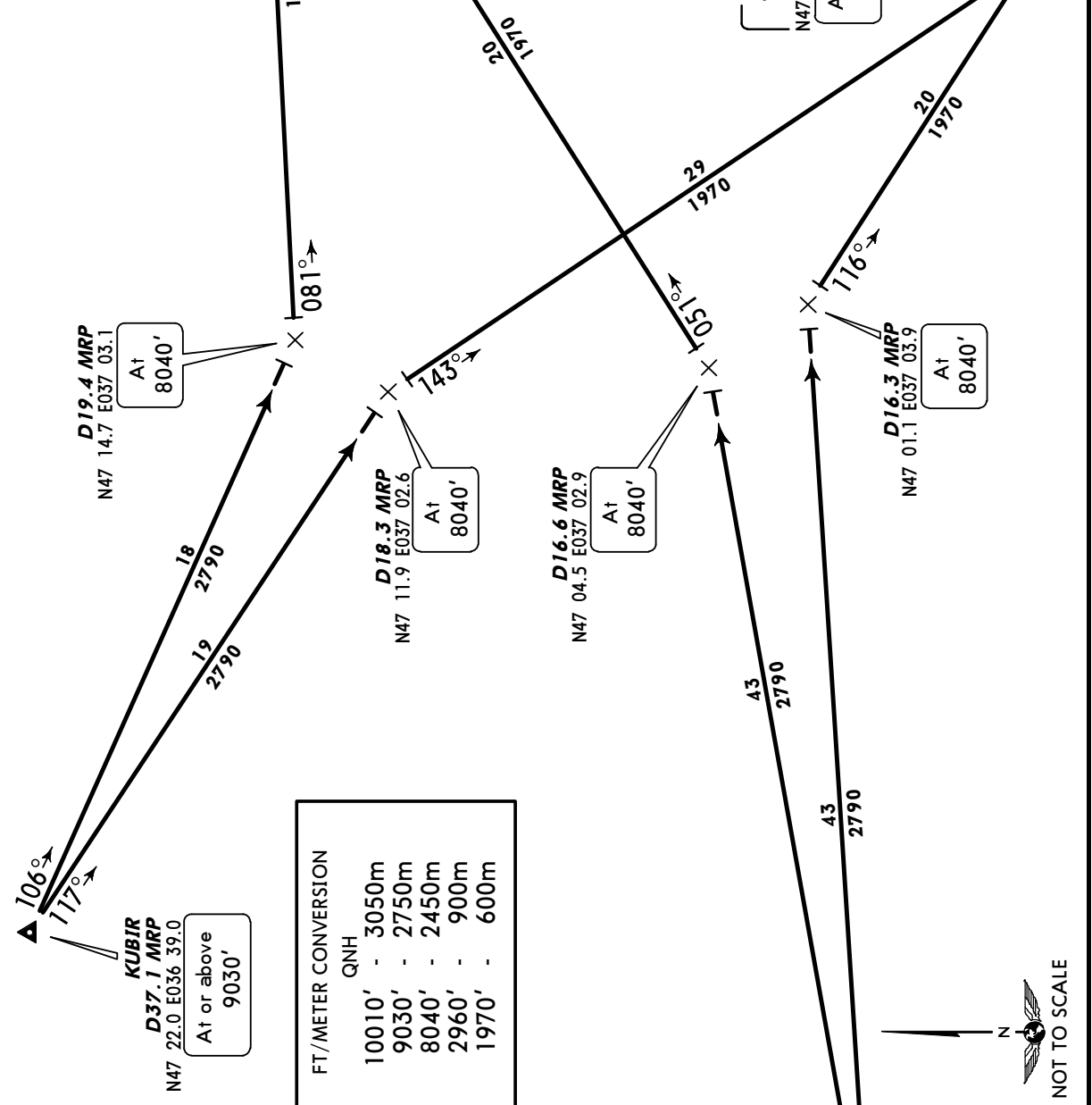
MARIUPOL', UKRAINE

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



UKCM
MARIUPOL' INTL

JEPPesen

MARIUPOL', UKRAINE

12 OCT 07

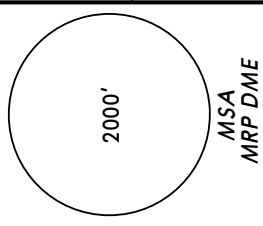
10-3

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

ROUTING

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 turn LEFT, intercept 288° bearing from MR to KUBIR.

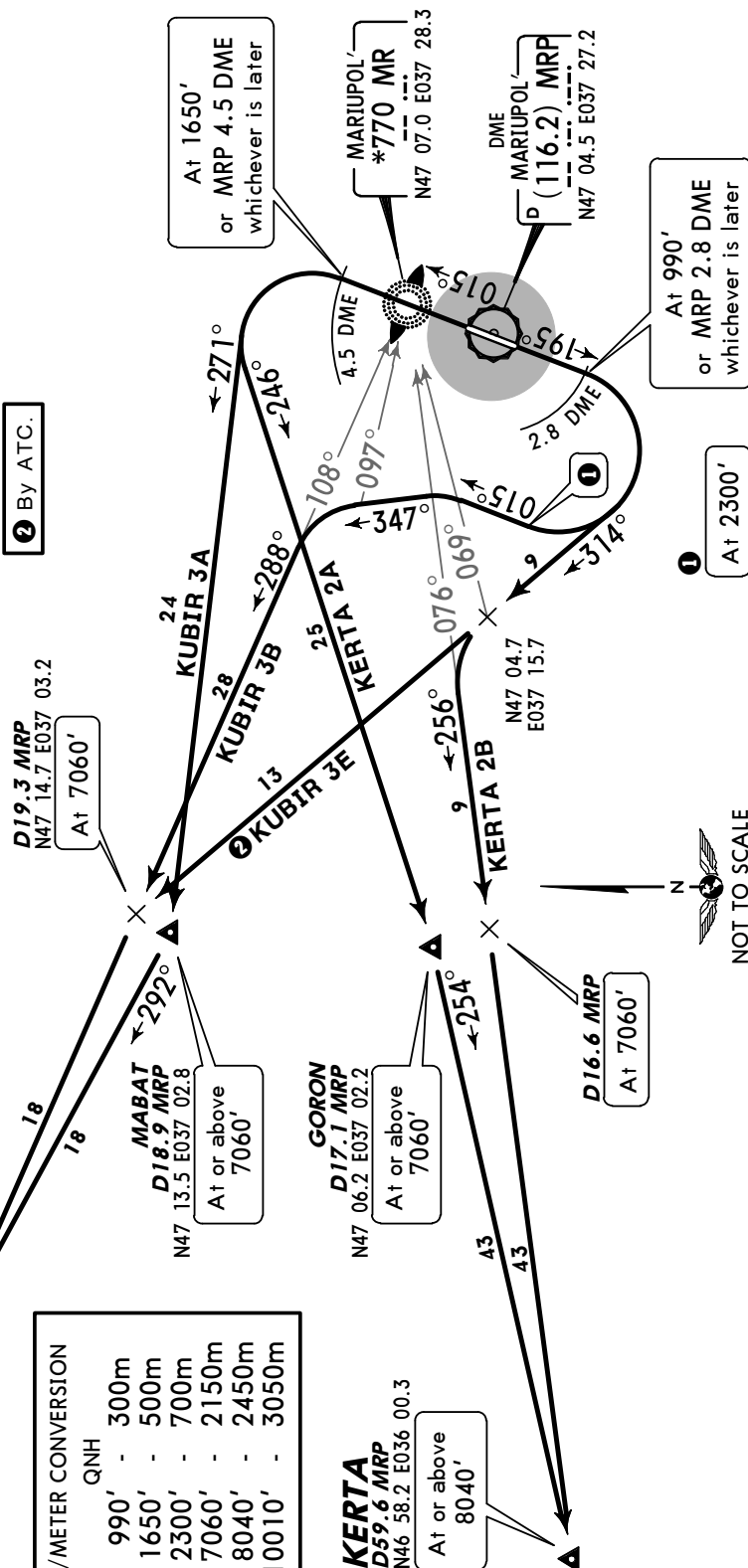
② By ATC.

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'



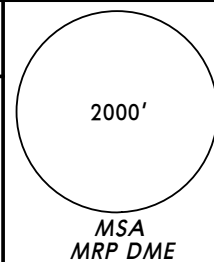
UKCM
MARIUPOL' INTL

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

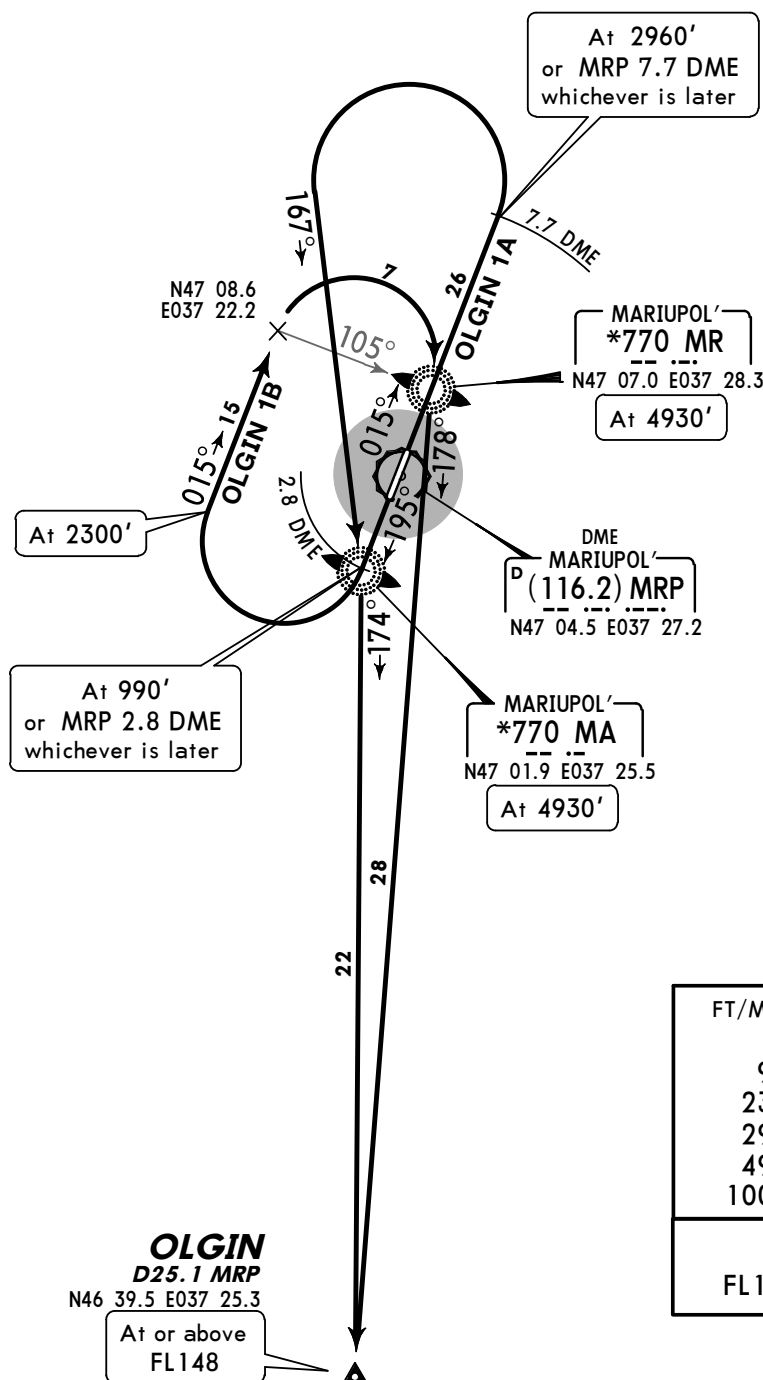
MARIUPOL', UKRAINE
SID

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

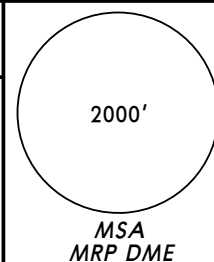
JEPPesen
12 OCT 07 **(10-3B)** **Eff 25 Oct**

MARIUPOL', UKRAINE

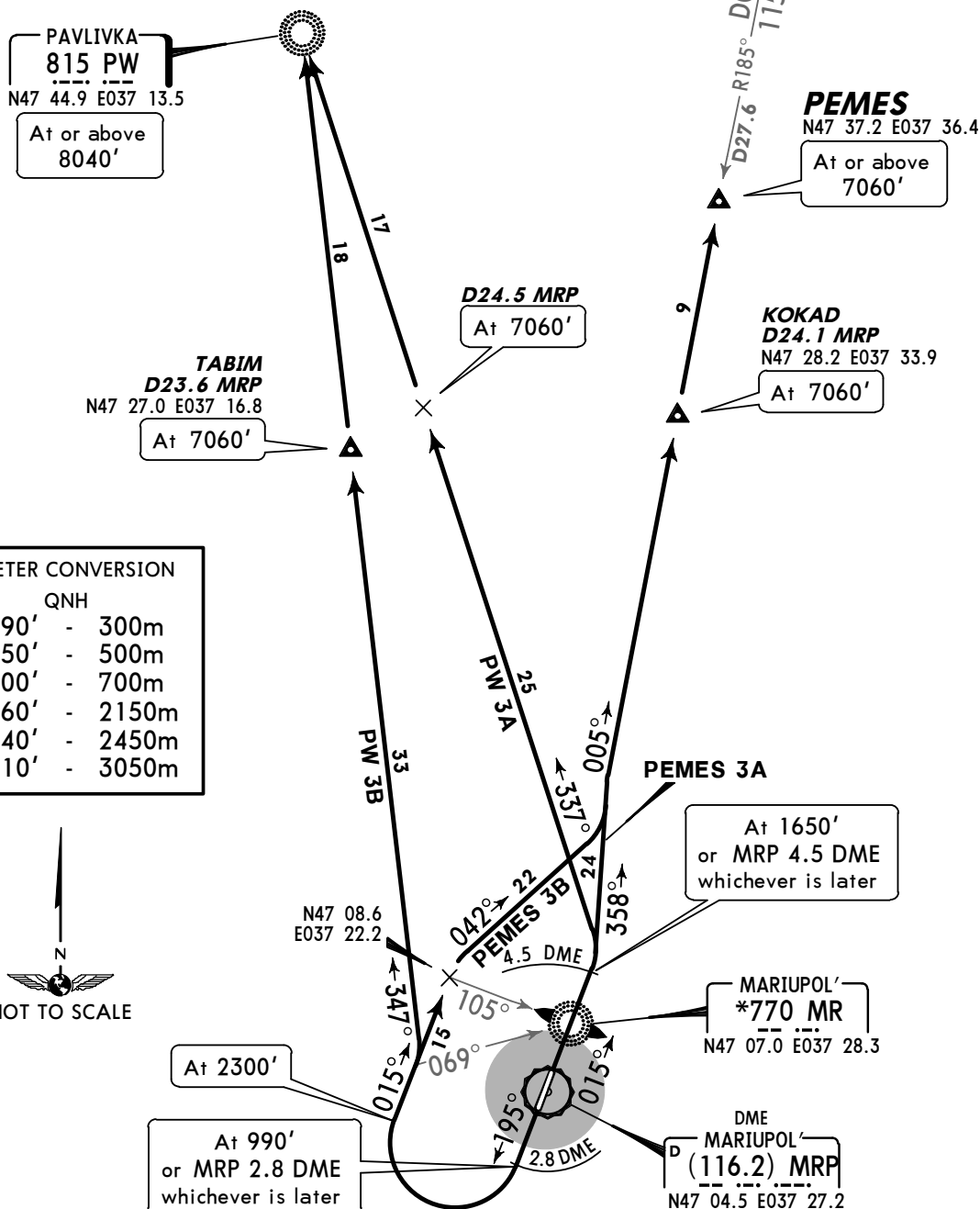
SID

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

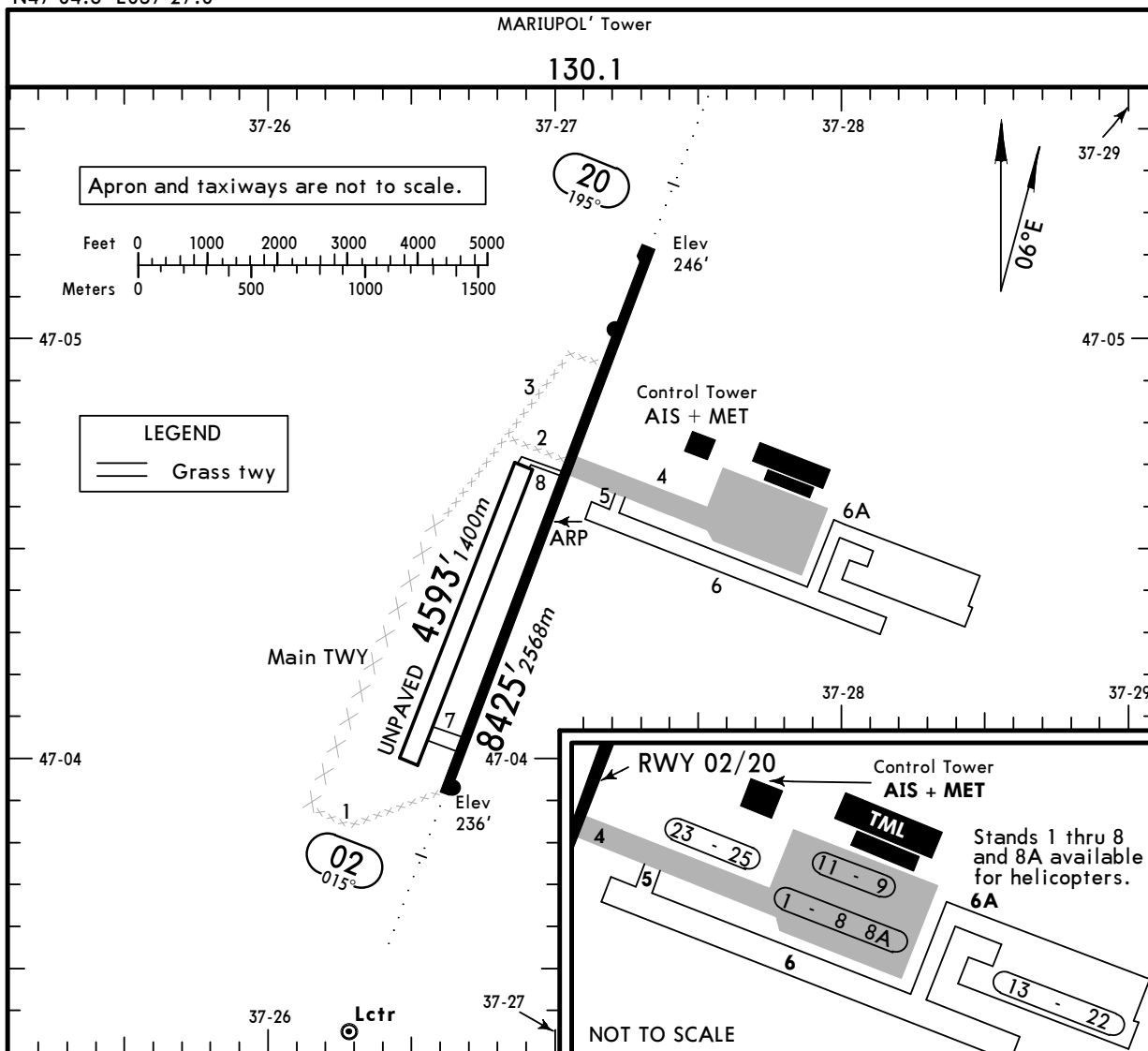


SID	RWY	ROUTING
PEMES 3A	02	Climb on 015° track to 1650' or MRP 4.5 DME, whichever is later, turn LEFT, 358° track, turn RIGHT, intercept DON R-185 inbound via KOKAD to PEMES.
PEMES 3B	20	Climb on 195° track to 990' or MRP 2.8 DME, whichever is later, turn RIGHT, 015° track, at 105° bearing to MR turn 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
 12 JUN 09 **(10-9)**

MARIUPOL', UKRAINE
MARIUPOL' INTL



ADDITIONAL RUNWAY INFORMATION

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

1 TAKE-OFF RUN AVAILABLE

RWY 20:

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

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.

UKCM
MARIUPOL' INTL

JEPPesen
21 AUG 09 **(11-1)** Eff 27 Aug

MARIUPOL', UKRAINE
ILS or NDB Rwy 20

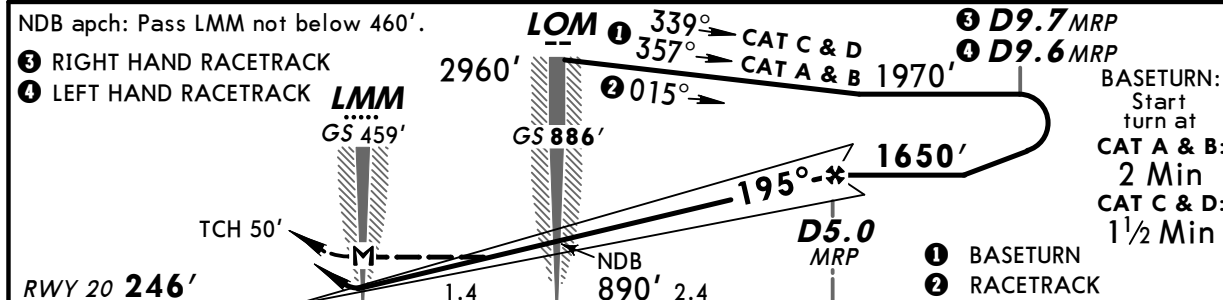
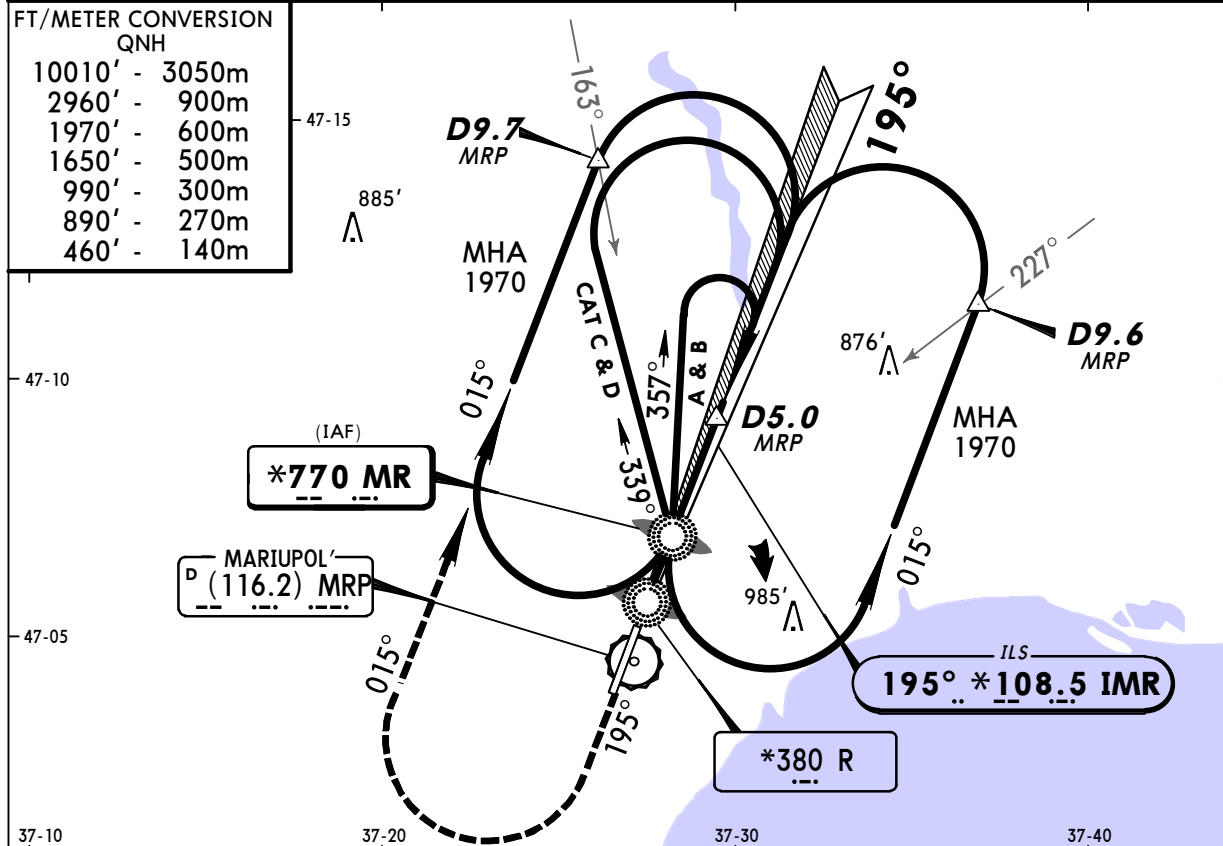
BRIEFING STRIP

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' MSA MRP DME
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



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

JAR-OPS		STRAIGHT-IN LANDING RWY 20				CIRCLE-TO-LAND	
ILS		LOC (GS out)		NDB		Not authorized East of apt	
DA(H) 446' (200')		with LOM		w/o LOM		Max Kts	
FULL		MDA(H) 610' (364')		MDA(H) 730' (484')		MDA(H) 1500m	
ALS out		ALS out		ALS out		VLS	
A		RVR 1200m	RVR 1500m	RVR 1400m	RVR 1500m	100	680' (429') 1500m
B	RVR 700m	RVR 1300m	RVR 1500m	RVR 1500m	RVR 1500m	135	940' (689') 1600m
C	RVR 1000m	RVR 1400m	RVR 1800m	RVR 1600m	RVR 2000m	180	1040' (789') 2400m
D		RVR 1600m	RVR 2000m	RVR 1800m	RVR 1800m	205	1040' (789') 3600m

After NDB apch: MDA(H) 730' (479').

UKCM
MARIUPOL' INTL

JEPPesen
21 AUG 09 **(16-1)** **Eff 27 Aug**

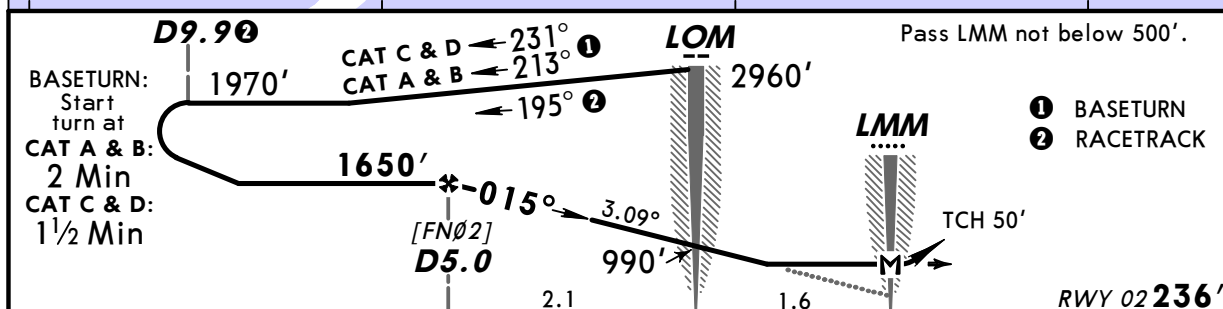
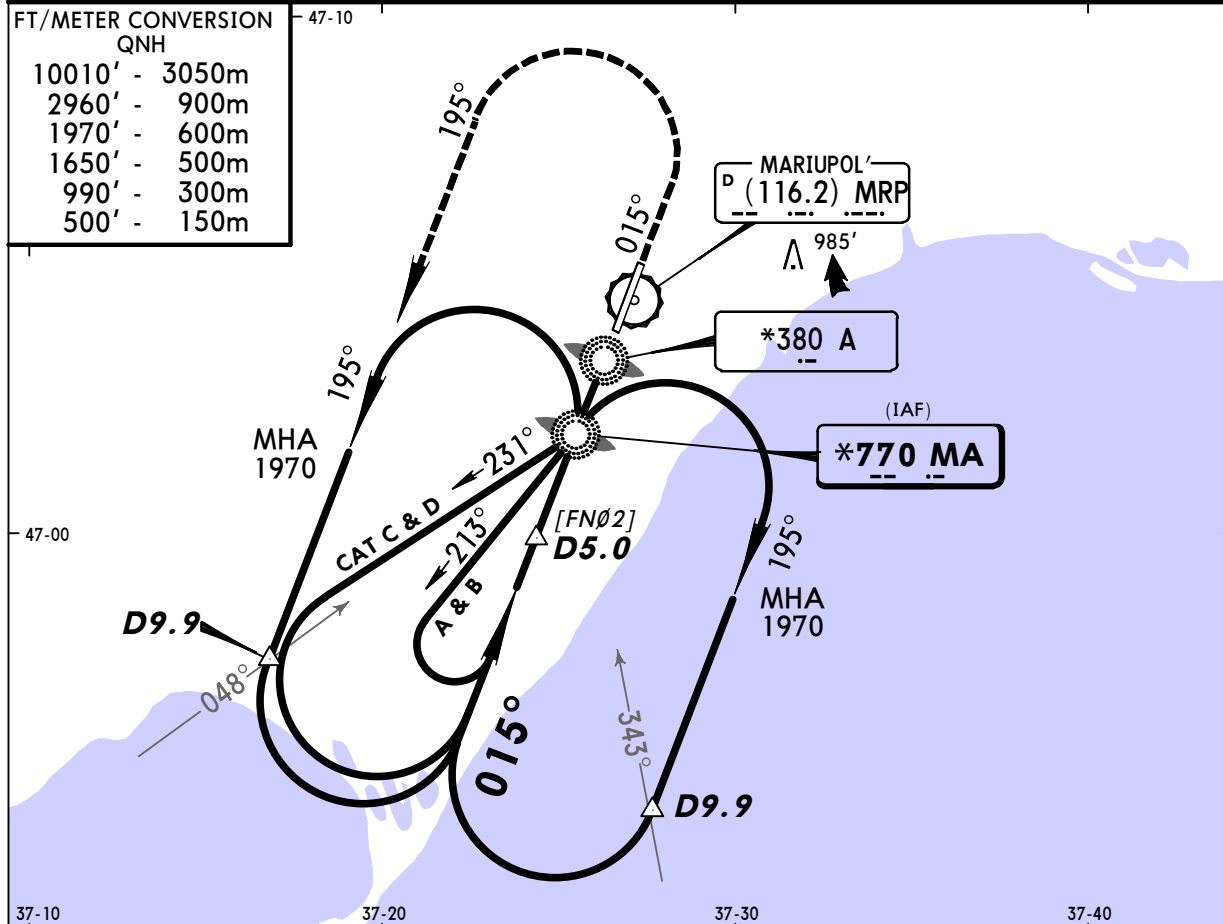
MARIUPOL', UKRAINE
NDB Rwy 02

BRIEFING STRIP

MARIUPOL' Tower					
130.1					
NDB MA *770	Final Apch Crs 015°	Minimum Alt D5.0 1650' (1414')	MDA(H) 580' (344')	Apt Elev 251' RWY 236'	2000' MSA MRP DME
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	
500' - 150m	



Gnd speed-Kts	70	90	100	120	140	160	HIALS	990'	on 015°	195°	1970'
Descent grad 5.40% or Descent angle 3.09°	383	492	547	656	765	875	PAPI	↑		LT	↑
MAP at LMM											

JAR-OPS				STRAIGHT-IN LANDING RWY 02				CIRCLE-TO-LAND			
				MDA(H) 580' (344')				Not authorized East of apt			
				ALS out				Max Kts			
A	RVR 900m			RVR 1500m			100	MDA(H) 680' (429')		VIS 1500m	
B	RVR 1000m			RVR 1800m			135	940' (689')		1600m	
C							180	1040' (789')		2400m	
D	RVR 1400m			RVR 2000m			205	1040' (789')		3600m	