

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 11-2011

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UKCM

UKCM (Mariupol' Intl)**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 01-19 8425' x 138' asphalt

Runway 01 (13.0°M) TDZE 236'

Lights: Edge, ALS

Runway 19 (193.0°M) TDZE 246'

Lights: Edge, ALS

Right Traffic

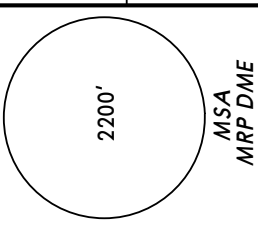
Communications InfoMariupol' Tower **130.1****Notebook Info**

UKCM MARIUPOL' INTL

20 MAY 11 **10-2** **Eff 2 Jun**

MARIUPOL', UKRAINE
STAR

Apt Elev
251'
 Alt Set: hPa (MM on request)
 Trans level: By ATC Trans alt: 10010'

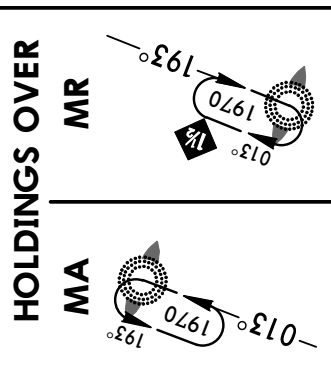


KERTA ONE GOLF
 (KERTA 1G) [KERT1G]
KERTA ONE HOTEL
 (KERTA 1H) [KERT1H]
 RWYS 01, 19 ARRIVALS

***770 MR**
 (IAF)
 N47 06.9 E037 28.3
 At or above
 2960'

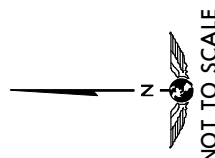
D (116.2) MRP
 DME
 N47 04.5 E037 27.1

***770 MA**
 (IAF)
 N47 01.9 E037 25.5
 At or above
 2960'



D16.7 MRP
 At
 8040'

D16.3 MRP
 At
 8040'



FT/METER CONVERSION

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

Direct distance from MA to:
 Mariupol' Intl **3 NM**
 Direct distance from MR to:
 Mariupol' Intl **3 NM**

KERTA
 N46 58.2 E036 00.3
 At or above
 9030'

43
 2790
KERTA 1H
44
 2790
KERTA 1G

STAR	RWY	ROUTING
KERTA 1G	01	On 080° bearing to MA.
KERTA 1H	19	On 075° bearing to MR.

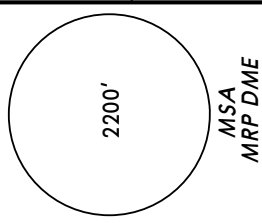
UKCM
MARIUPOL' INTL

JEPPesen
 20 MAY 11 **(10-2A)** **Eff 2 Jun**

MARIUPOL', UKRAINE

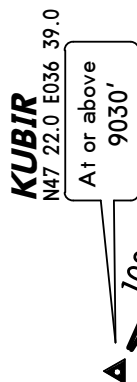
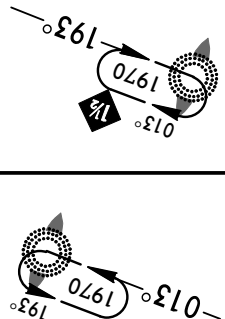
STAR

Apt Elev
251'
 Alt Set: hPa (MM on request)
 Trans level: By ATC Trans alt: 10010'



KUBIR ONE MIKE (KUBIR 1M) [KUBI1M]
KUBIR ONE NOVEMBER (KUBIR 1N) [KUBI1N]
RWYS 01, 19 ARRIVALS

HOLDINGS OVER
MA
MR



D19.3 MRP
 At or above
 8040'

KUBIR 1N
 18 2790
 19 2790

D18.3 MRP
 At or above
 8040'

(IAF)
***770 MR**
 N47 06.9 E037 28.3
 At or above
 2960'

18
 1970

19
 1970

DME
D (116.2) MRP
 N47 04.5 E037 27.1

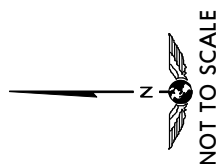
(IAF)
***770 MA**
 N47 01.9 E037 25.5
 At or above
 2960'

Direct distance from MA to:
 Mariupol' Intl **3 NM**
 Direct distance from MR to:
 Mariupol' Intl **3 NM**

FT/METER CONVERSION

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

STAR	RWY	ROUTING
KUBIR 1M	01	On 116° bearing to MA.
KUBIR 1N	19	On 108° bearing to MR.

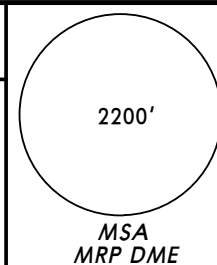


UKCM
MARIUPOL' INTL

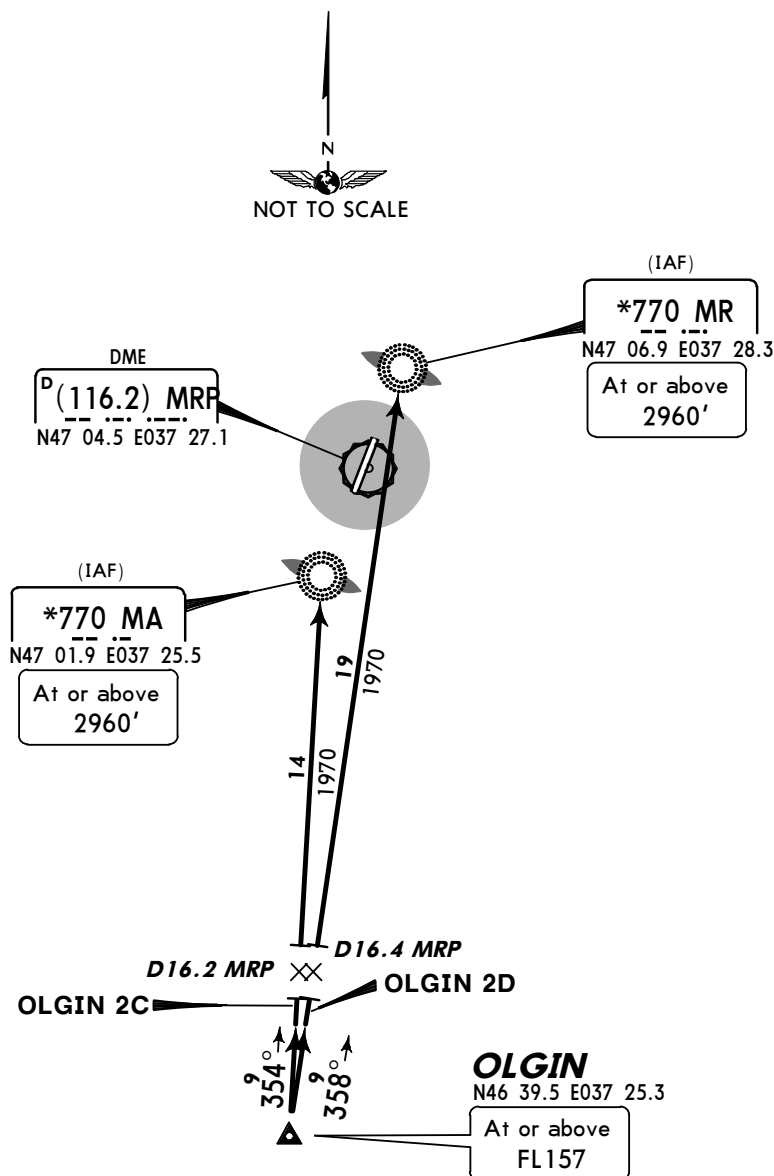
JEPPESEN
 20 MAY 11 **10-2B** **Eff 2 Jun**

MARIUPOL', UKRAINE
STAR

Apt Elev
251'
 Alt Set: hPa (MM on request)
 Trans level: By ATC Trans alt: 10010'



OLGIN TWO CHARLIE (OLGIN 2C) [OLGI2C]
OLGIN TWO DELTA (OLGIN 2D) [OLGI2D]
RWYS 01, 19 ARRIVALS

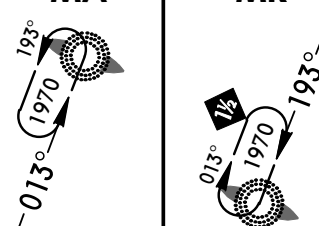


FL CONVERSION
 FL157 **FL4800m**

FT/METER CONVERSION
 QNH
 10010' - 3050m
 2960' - 900m
 1970' - 600m

Direct distance from MA to:
 Mariupol' Intl **3 NM**
 Direct distance from MR to:
 Mariupol' Intl **3 NM**

HOLDINGS OVER
MA **MR**



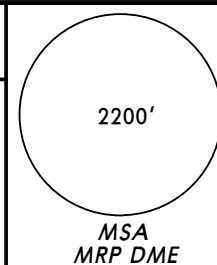
STAR	RWY	ROUTING
OLGIN 2C	01	On 354° bearing to MA.
OLGIN 2D	19	On 358° bearing to MR.

UKCM
MARIUPOL' INTL

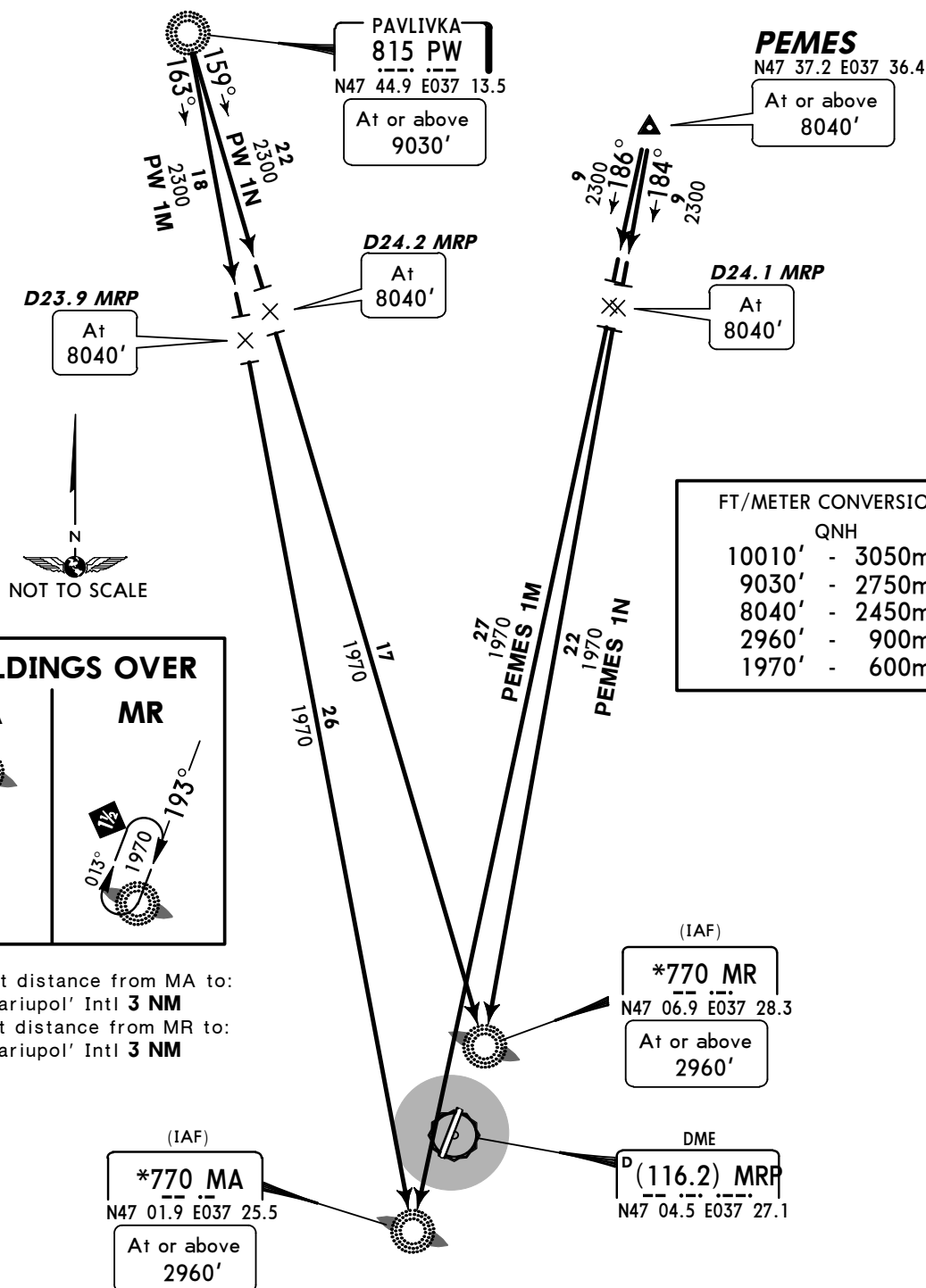
JEPPESEN
 20 MAY 11 **10-2C** **Eff 2 Jun**

MARIUPOL', UKRAINE
STAR

Apt Elev
251'
 Alt Set: hPa (MM on request)
 Trans level: By ATC Trans alt: 10010'



PAVLIVKA ONE MIKE (PW 1M)
PAVLIVKA ONE NOVEMBER (PW 1N)
PEMES ONE MIKE (PEMES 1M) [PEME1M]
PEMES ONE NOVEMBER (PEMES 1N) [PEME1N]
RWYS 01, 19 ARRIVALS



STAR	RWY	ROUTING
PEMES 1M	01	On 186° bearing to MA.
PEMES 1N	19	On 184° bearing to MR.
PW 1M	01	On 163° bearing to MA.
PW 1N	19	On 159° bearing to MR.

UKCM MARIUPOL' INTL

20 MAY 11 **10-3** Eff 2 Jun

MARIUPOL', UKRAINE

SID

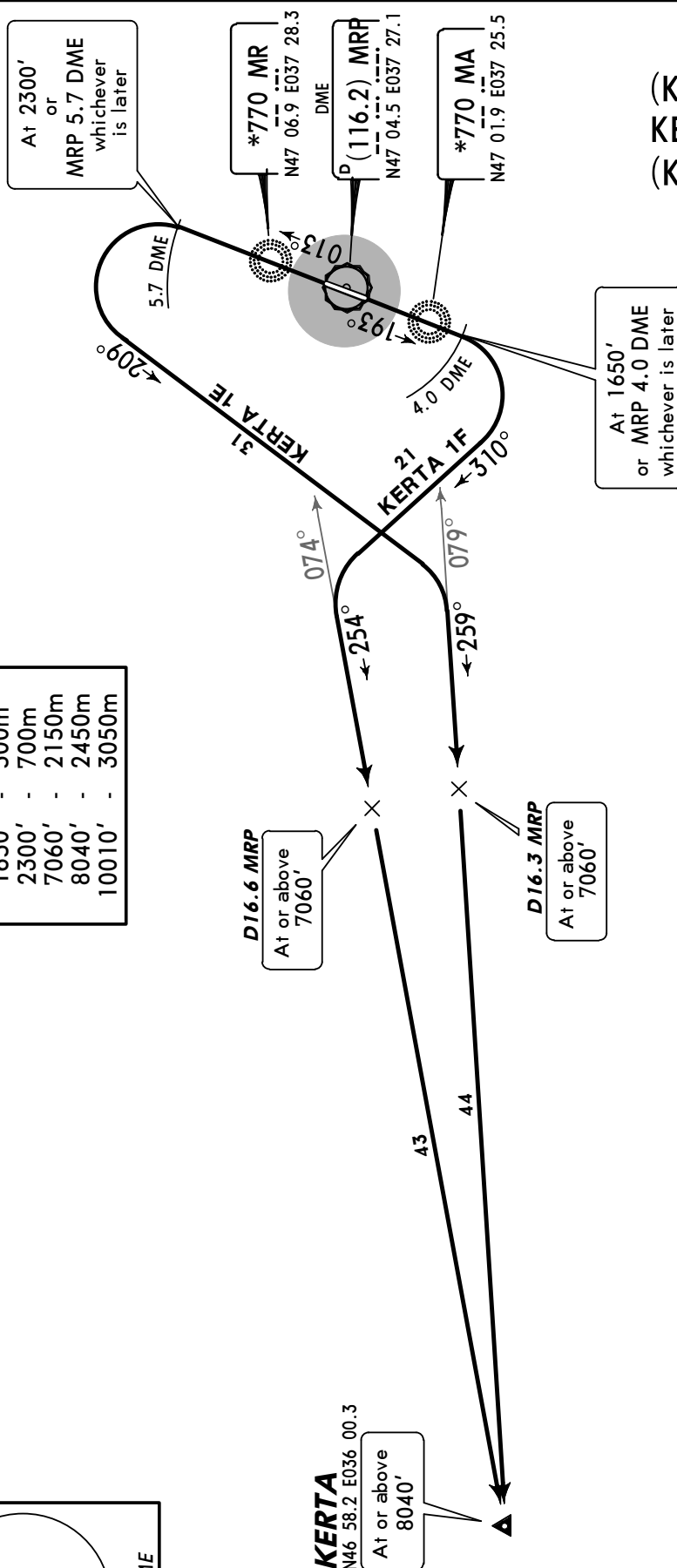
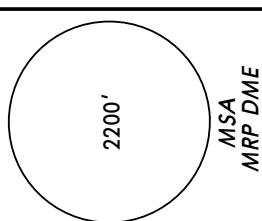
Apt Elev
 251'

Trans level: By ATC Trans alt: 10010'

FT/METER CONVERSION

QNH

1650' - 500m
 2300' - 700m
 7060' - 2150m
 8040' - 2450m
 10010' - 3050m



KERTA ONE ECHO
 (KERTA 1E) [KERT1E]
KERTA ONE FOXTROT
 (KERTA 1F) [KERT1F]
 RWYS 01, 19
 DEPARTURES

ROUTING

RWY

SID

KERTA 1E 01 Climb on 013° track to 2300' or MRP 5.7 DME, whichever is later, turn LEFT, 209° track, turn RIGHT, intercept 259° bearing from MA to KERTA.

KERTA 1F 19 Climb on 193° track to 1650' or MRP 4.0 DME, whichever is later, turn RIGHT, 310° track, turn LEFT, intercept 254° bearing from MR to KERTA.

UKCM
MARIUPOL' INTL

20 MAY 11

JEPPESEN**Eff 2 Jun**

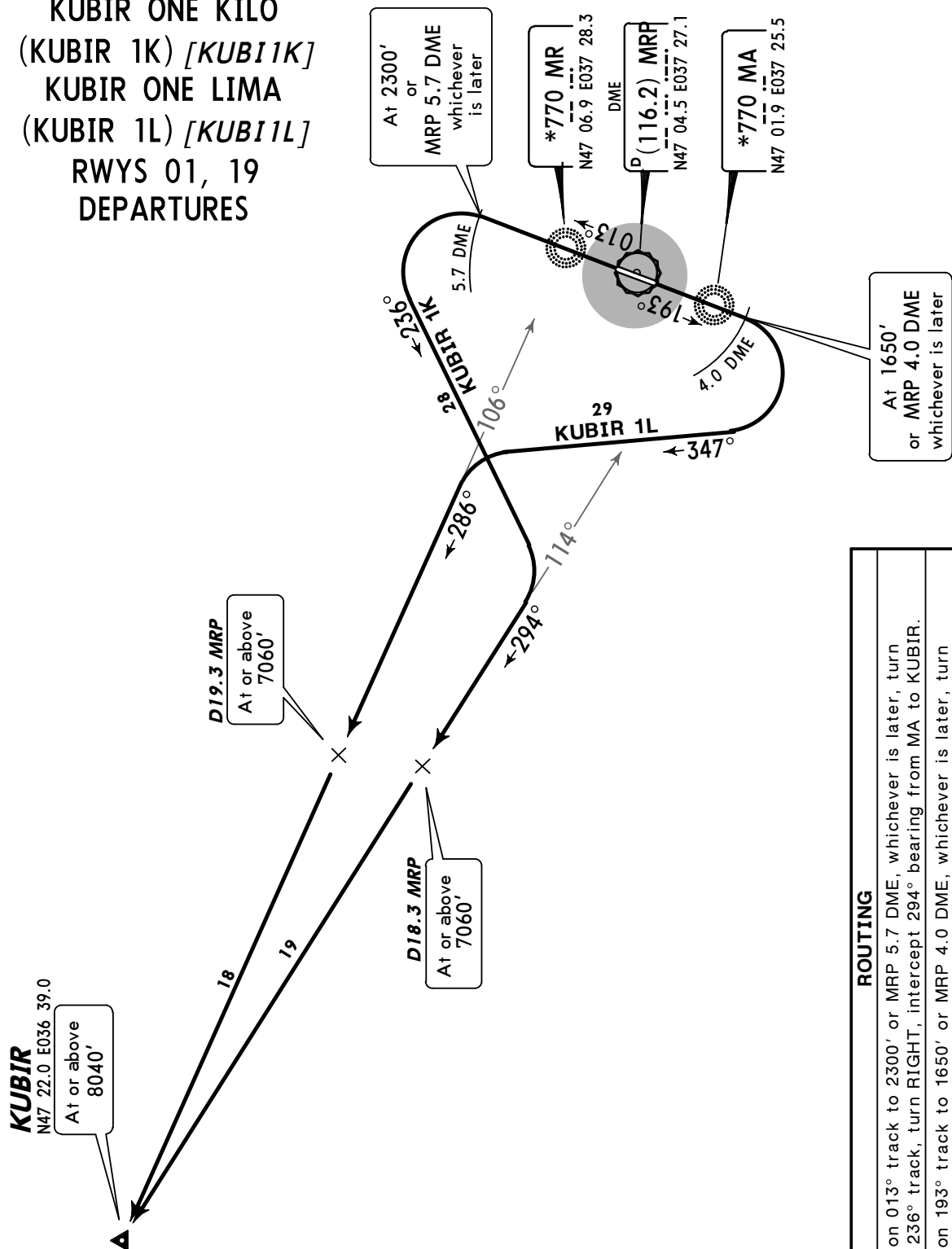
MARIUPOL', UKRAINE

SID

Apt Elev
251'

Trans level: By ATC Trans alt: 10010'

KUBIR ONE KILO
(KUBIR 1K) [KUBI1K]
KUBIR ONE LIMA
(KUBIR 1L) [KUBI1L]
RWYS 01, 19
DEPARTURES



SID	RWY	ROUTING
KUBIR 1K	01	Climb on 013° track to 2300' or MRP 5.7 DME, whichever is later, turn LEFT, 236° track, turn RIGHT, intercept 294° bearing from MA to KUBIR.
KUBIR 1L	19	Climb on 193° track to 1650' or MRP 4.0 DME, whichever is later, turn RIGHT, 347° track, turn LEFT, intercept 286° bearing from MR to KUBIR.

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

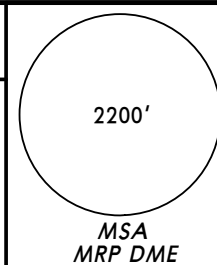
UKCM
MARIUPOL' INTL

JEPPESSEN
 20 MAY 11 **10-3B** **Eff 2 Jun**

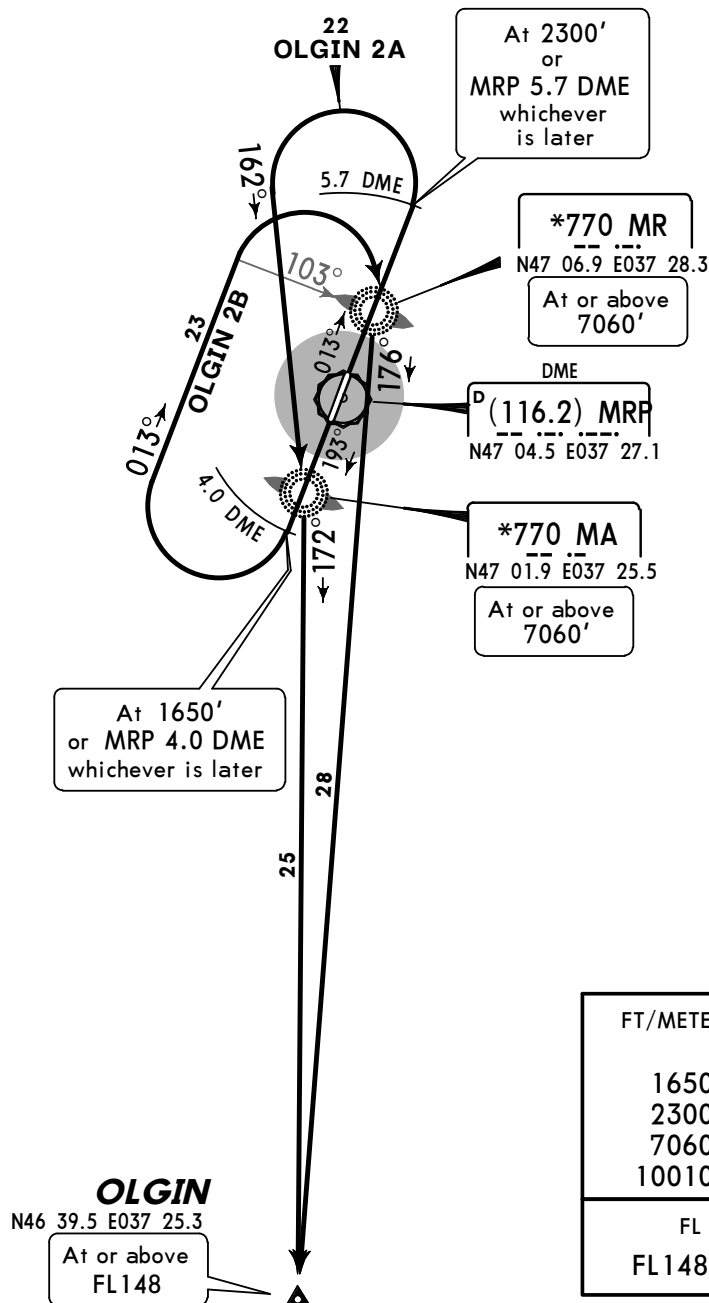
MARIUPOL', UKRAINE
SID

Apt Elev
 251'

Trans level: By ATC Trans alt: 10010'



OLGIN TWO ALFA (OLGIN 2A)[OLGI2A]
OLGIN TWO BRAVO (OLGIN 2B)[OLGI2B]
RWYS 01, 19 DEPARTURES



FT/METER CONVERSION

	QNH
1650'	- 500m
2300'	- 700m
7060'	- 2150m
10010'	- 3050m

FL CONVERSION

FL 148 **FL4500m**

These SIDs require a minimum climb gradient of 365' per NM (6%).

Gnd speed-KT	75	100	150	200	250	300
365' per NM	456	608	911	1215	1519	1823

If unable to comply contact ATC.

SID	RWY	ROUTING
OLGIN 2A	01	Climb on 013° track to 2300' or MRP 5.7 DME, whichever is later, turn LEFT, intercept 162° bearing to MA, turn RIGHT, 172° bearing to OLGIN.
OLGIN 2B	19	Climb on 193° track to 1650' or MRP 4.0 DME, whichever is later, turn RIGHT, 013° track, at 103° bearing to MR turn RIGHT to MR, turn LEFT, 176° bearing to OLGIN.

UKCM
MARIUPOL' INTL

20 MAY 11

JEPPESEN**Eff 2 Jun**

MARIUPOL', UKRAINE

SID

Apt Elev
251'

Trans level: By ATC Trans alt: 10010'

2200'

MSA
MRP DME

PAVLIVKA ONE KILO (PW 1K)
PAVLIVKA ONE LIMA (PW 1L)
PEMES ONE KILO (PEMES 1K) [PEME1K]
PEMES ONE LIMA (PEMES 1L) [PEME1L]
RWYS 01, 19 DEPARTURES

PAVLIVKA
815 PW
N47 44.9 E037 13.5

At or above
8040'

D24.6 MRP

At or above
7060'

D23.1 MRP

At or above
7060'

PEMES

N47 37.2 E037 36.4

At or above
7060'

D24.1 MRP

At or above
7060'

FT/METER CONVERSION

1650'	-	500m
2300'	-	700m
7060'	-	2150m
8040'	-	2450m
10010'	-	3050m

NOT TO SCALE

At 2300'
or
MRP 5.7 DME
whichever
is later

***770 MR**

N47 06.9 E037 28.3

DME

^D(116 2) MRF

N47 04.5 E037 27.1

***770 MA**

N47 01.9 E037 25.5

At 1650'
or MRP 4.0 DME
whichever is later

SID	RWY	ROUTING
PEMES 1K	01	Climb on 013° track to 2300' or MRP 5.7 DME, whichever is later, turn LEFT, 350° track, turn RIGHT, intercept 004° bearing from MA to PEMES.
PEMES 1L	19	Climb on 193° track to 1650' or MRP 4.0 DME, whichever is later, turn RIGHT, 013° track, at 103° bearing to MR turn RIGHT, 048° track, turn LEFT, intercept 002° from MR to PEMES.
PW 1K	01	Climb on 013° track to 2300' or MRP 5.7 DME, whichever is later, turn LEFT, intercept 334° bearing to PW.
PW 1L	19	Climb on 193° track to 1650' or MRP 4.0 DME, whichever is later, turn RIGHT, intercept 347° bearing to PW.

CHANGES: New chart (procedures completely revised & transferred).

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UKCM

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

JEPPESEN

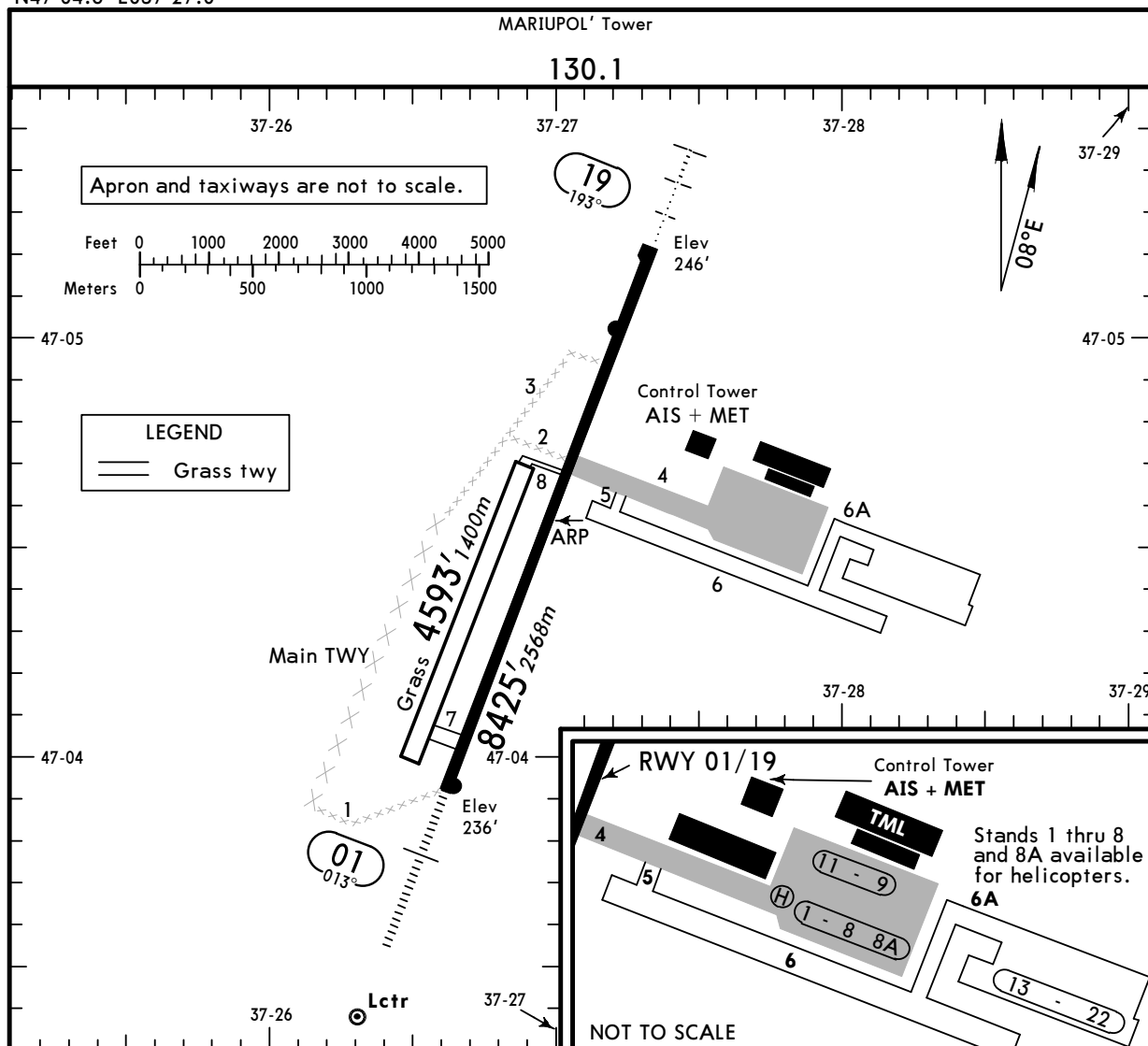
20 MAY 11

10-9

Eff 2 Jun

MARIUPOL', UKRAINE

MARIUPOL' INTL



ADDITIONAL RUNWAY INFORMATION

				USABLE LENGTHS			WIDTH
				LANDING BEYOND		TAKE-OFF	
RWY				Threshold	Glide Slope		
01 19	HIRL (60m)	HIALS	PAPI-L (angle 3.0°)	8130' 2478m	7219' 2200m	8130' 2478m	
				8310' 2533m	7459' 2273m	①	
01 19	Grass						

① TAKE-OFF RUN AVAILABLE

RWY 19:

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
20 MAY 11 **11-1** Eff 2 Jun

MARIUPOL', UKRAINE ILS or NDB Rwy 19

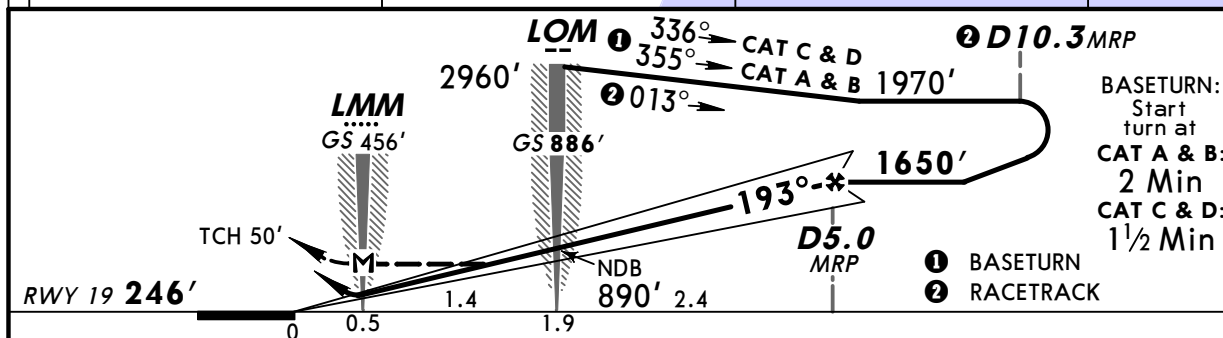
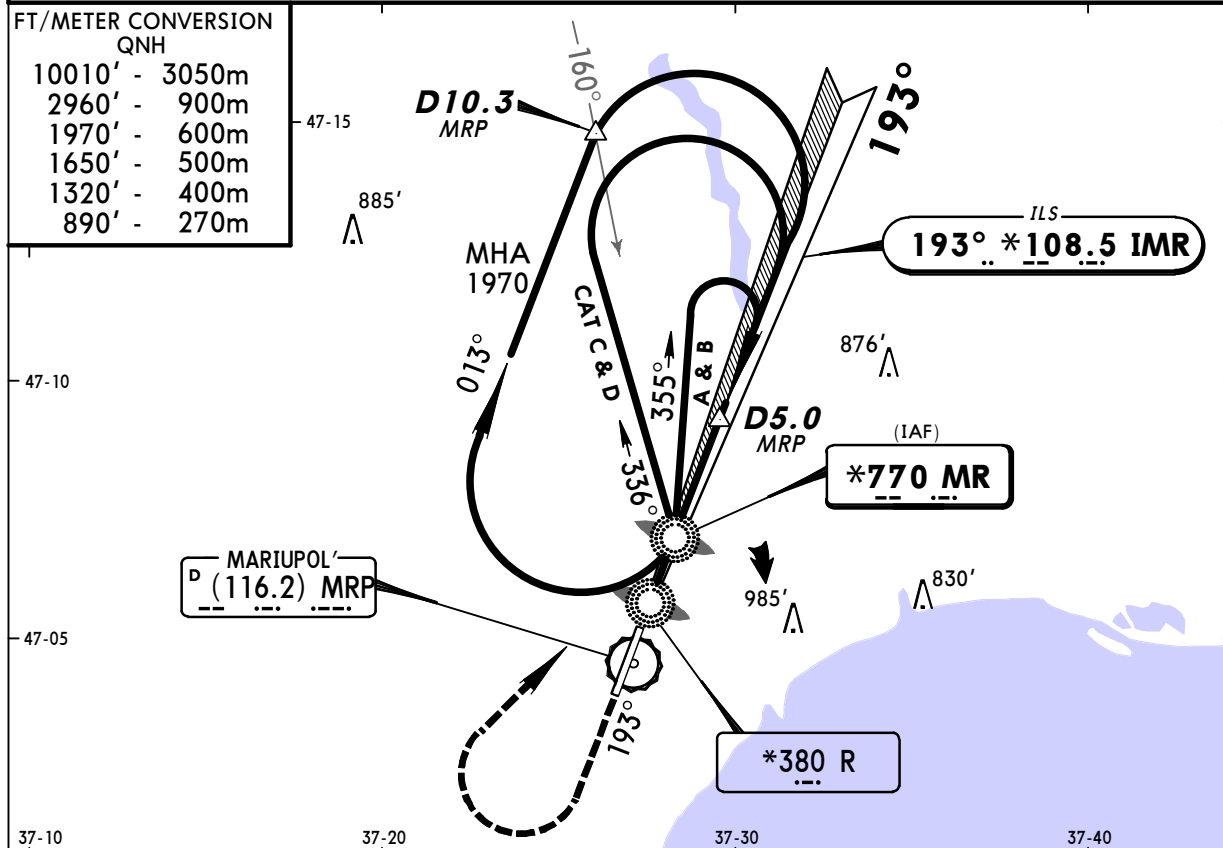
BRIEFING STRIP

MARIUPOL' Tower					
130.1					
LOC IMR *108.5	Final Apch Crs 193°	GS LOM 886' (640')	ILS DA(H) Refer to Minimums	Apt Elev 251' RWY 246'	2200' MSA MRP DME
NDB MR *770		Minimum Alt D5.0 MRP 1650' (1404')	NDB MDA(H) (CONDITIONAL) 630' (384')		
MISSED APCH: Climb on 193° to 1320', then turn RIGHT climbing to 2960' to MR NDB, 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
1320'	400m
890'	270m



Gnd speed-Kts	70	90	100	120	140	160
ILS GS or NDB Descent Angle 3.00°	377	484	538	646	753	861
MAP at LMM						

JAR-OPS		STRAIGHT-IN LANDING RWY 19				CIRCLE-TO-LAND	
ILS		LOC		NDB		Not authorized East of apt	
DA(H)		(GS out)		MDA(H)		MDA(H)	
FULL		ALS out		w/o LOM		VLS	
A		NOT AUTH		RVR 1200m		100	
B		RVR 700m		RVR 1300m		135	
C		RVR 1000m		RVR 1400m		180	
D		RVR 1600m		RVR 1600m		205	

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

CHANGES: MSA. Procedure. Missed apch. Minimums.

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UKCM
MARIUPOL' INTL

JEPPesen
20 MAY 11 **(16-1)** **Eff 2 Jun**

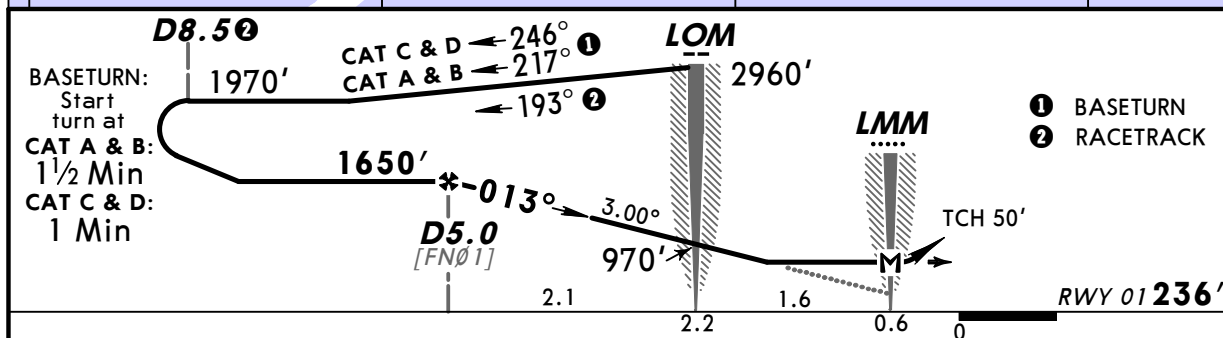
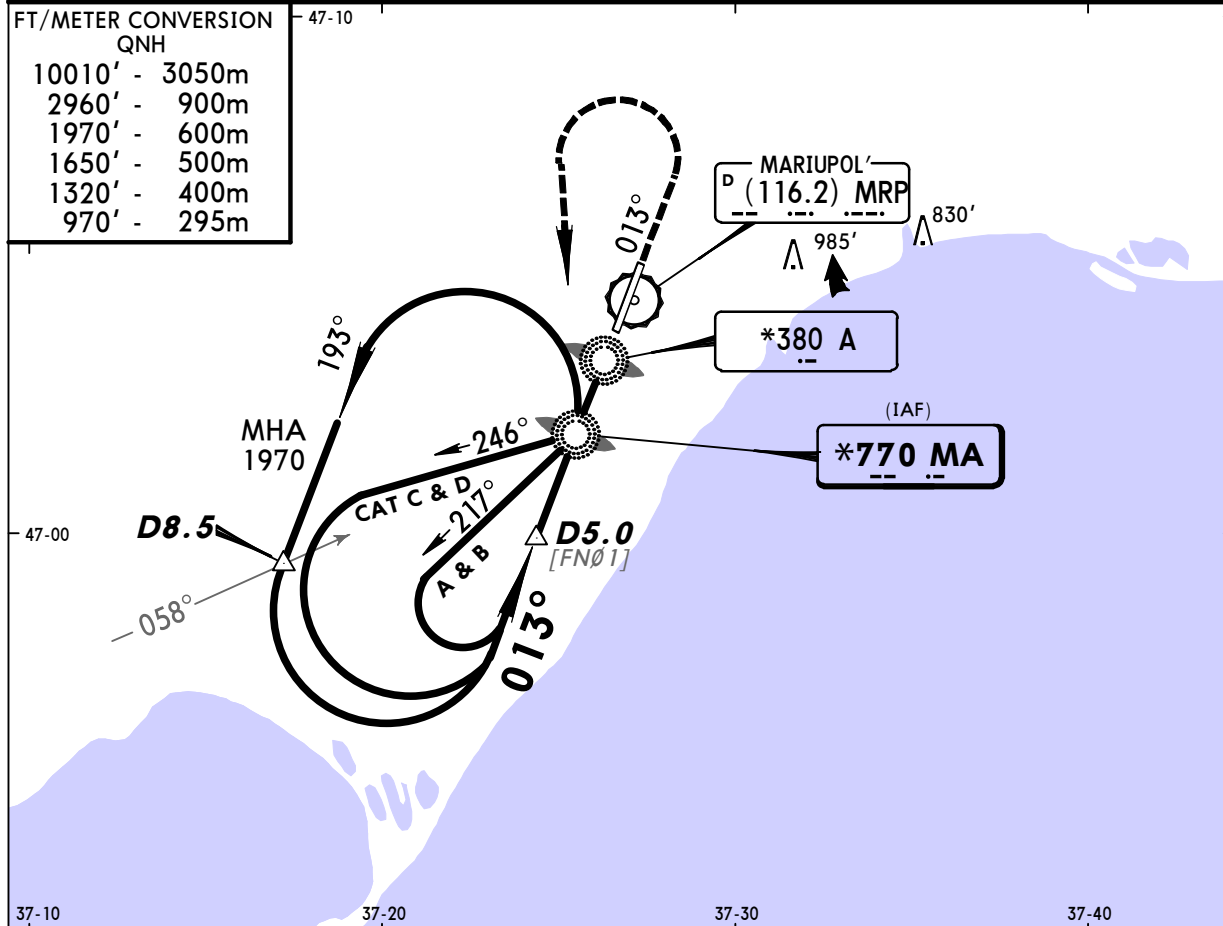
MARIUPOL', UKRAINE
NDB Rwy 01

BRIEFING STRIP

MARIUPOL' Tower					2200' MSA MRP DME
130.1					
NDB MA *770	Final Apch Crs 013°	Minimum Alt D5.0 1650' (1414')	MDA(H) 580' (344')	Apt Elev 251' RWY 236'	
MISSED APCH: Climb on 013° to 1320', then turn LEFT climbing to 2960' to MA NDB, 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
1320' -	400m
970' -	295m



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI	1320' on 013°
Descent Angle 3.00°	372	478	531	637	743	849		
MAP at LMM								

JAR-OPS				STRAIGHT-IN LANDING RWY 01		CIRCLE-TO-LAND Not authorized East of apt	
				MDA(H) 580' (344')			
				ALS out		Max Kts	
A	RVR 900m	RVR 1500m		100	690' (439')	1500m	
B	RVR 1000m	RVR 1800m		135	1230' (979')	1600m	
C	RVR 1400m	RVR 2000m		180	1330' (1079')	2400m	
D	RVR 1400m	RVR 2000m		205	1330' (1079')	3600m	