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Airport Information For UKCM

Terminal Charts For UKCM

Revision Letter For Cycle 25-2012

Change Notices

Notebook

General Information

Location: Mariupol' Ukr
IATA Code: MPW
Lat/Long: N47° 04.6' E037° 27.0'
Elevation: 251 ft

Airport Use: Public
Magnetic Variation: 7.2°E

Customs: Yes
Airport Type: IFR
Landing Fee: No
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: No

Sunrise: 0516 Z
Sunset: 1350 Z,

Runway Information

Runway: 01
Length x Width: 8425 ft x 138 ft
Surface Type: asphalt
TDZ-Elev: 236 ft
Lighting: Edge, ALS

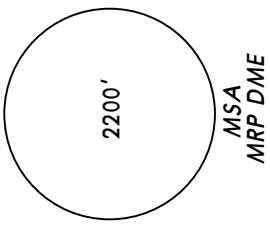
Runway: 19
Length x Width: 8425 ft x 138 ft
Surface Type: asphalt
TDZ-Elev: 246 ft
Lighting: Edge, ALS

Communication Information

Mariupol' Tower 130.1

Apt Elev
251'

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



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

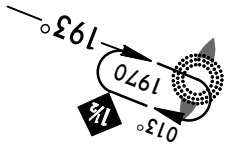
DME
MARIUPOL'
D 116.2 MRP
N47 04.5 E037 27.1

KERTA ONE CHARLIE
(KERTA 1C) [KERT1C]
KERTA ONE DELTA
(KERTA 1D) [KERT1D]
RWYS 01, 19 ARRIVALS

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

HOLDINGS OVER

MR

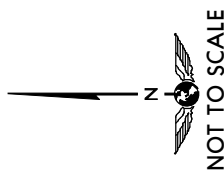


MA



D16.7 MRP
At
8040'

D16.3 MRP
At
8040'



FT/METER CONVERSION

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

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

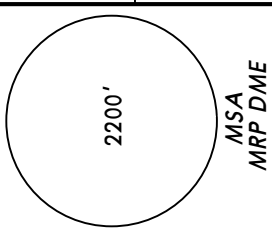
KERTA
N46 58.2 E036 00.3
At or above
FL110

43 2790
KERTA 1D
44 2790
KERTA 1C

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

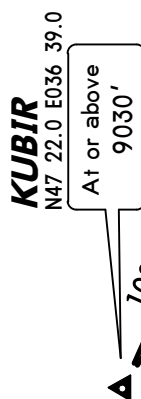
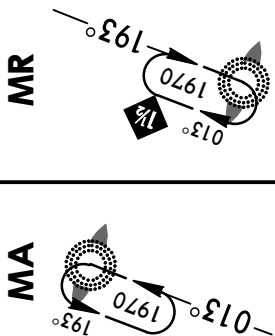
Apt Elev
251'

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



KUBIR ONE CHARLIE (KUBIR 1C) [KUB11C]
KUBIR ONE DELTA (KUBIR 1D) [KUB11D]
RWYS 01, 19 ARRIVALS

HOLDINGS OVER



D19.3 MRP

At or above
8040'

18 2790
KUBIR 1D
19 2790
KUBIR 1C

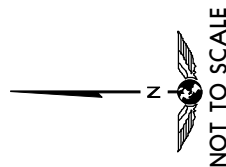
D18.3 MRP

At or above
8040'

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

DME
MARIUPOL'
D 116.2 MRP
(T) N47 04.5 E037 27.1

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



FT/METER CONVERSION

QNH

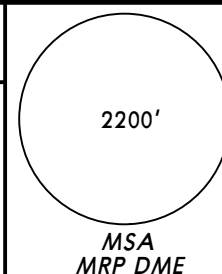
10010'	-	3050m
9030'	-	2750m
8040'	-	2450m
2960'	-	900m
1970'	-	600m

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

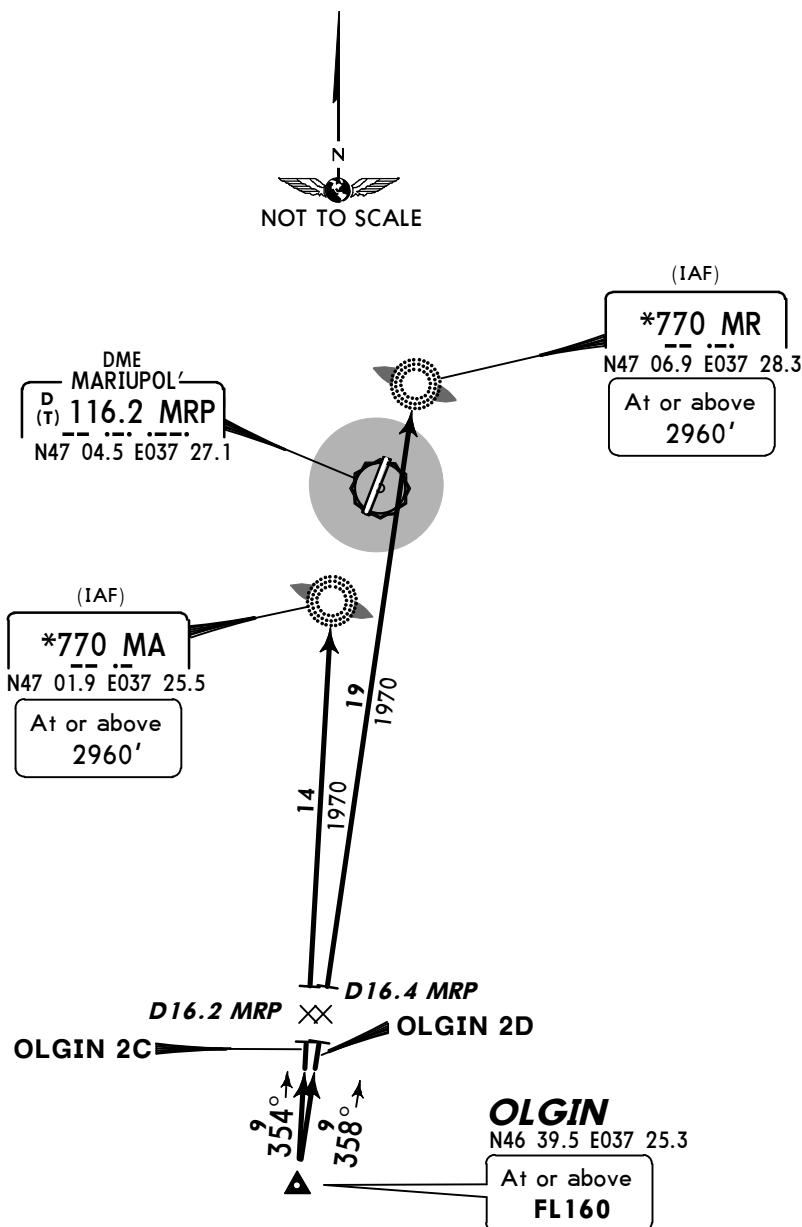
STAR	RWY	ROUTING
KUBIR 1C	01	On 116° bearing to MA.
KUBIR 1D	19	On 108° bearing to MR.

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



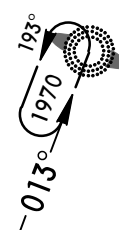
FT/METER CONVERSION

	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

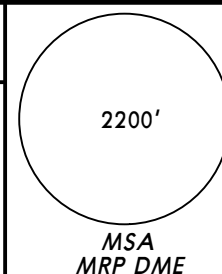
On 354° bearing to MA.

OLGIN 2D

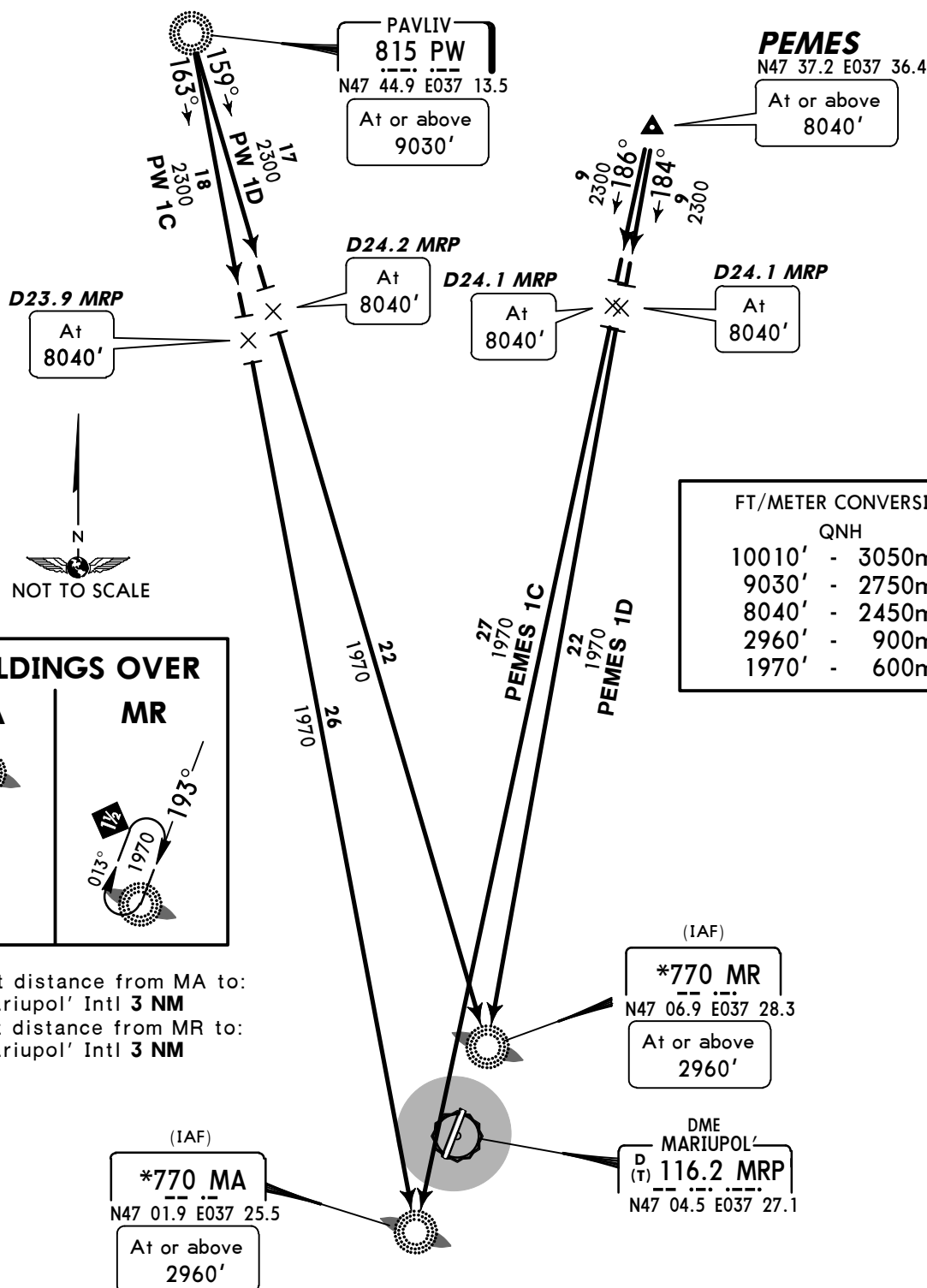
19

On 358° bearing to MR.

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



PAVLIV ONE CHARLIE (PW 1C)
PAVLIV ONE DELTA (PW 1D)
PEMES ONE CHARLIE (PEMES 1C) [PEME1C]
PEMES ONE DELTA (PEMES 1D) [PEME1D]
RWYS 01, 19 ARRIVALS



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

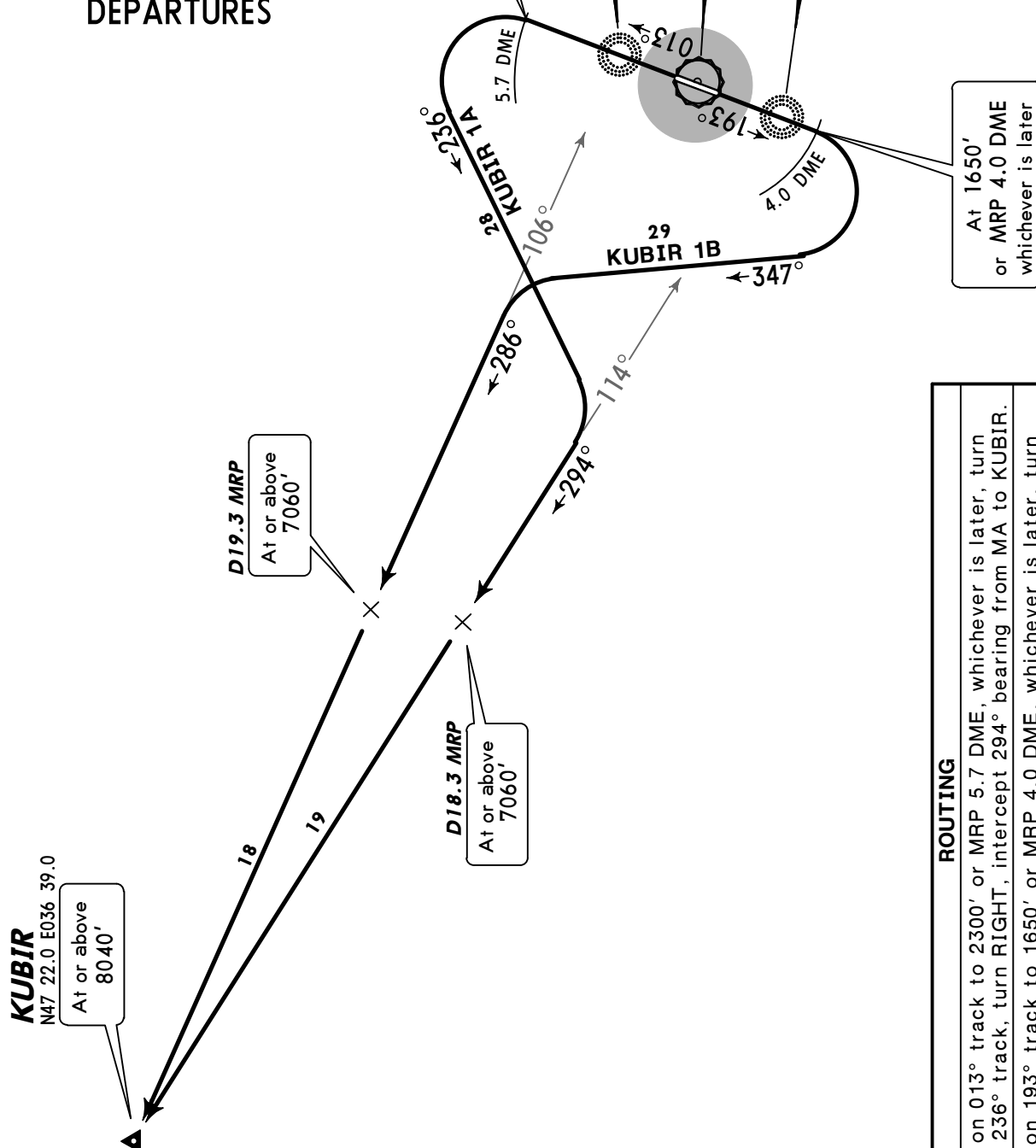
Trans level: By ATC Trans alt: 10010'

At 2300' or
MRP 5.7 DME
whichever
is later

*770 MR
N47 06.9 E037 28.3

DME
MARIUPOL
D (T) 116.2 MRP
N47 04.5 E037 27.1

*770 MA
N47 01.9 E037 25.5



KUBIR

47 22.0 E036 39.0

or above
8040'

D19.3 MRP

At or above
7060'

D18.3 MRP

or above
7060'

FT/METER CONVERSION

HNG

1650' - 500m

2300' - 700m

7060' - 2150m

8040' - 2450m

0010' - 3050m

ROUTING

RWY

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.

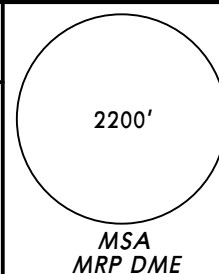
19

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.

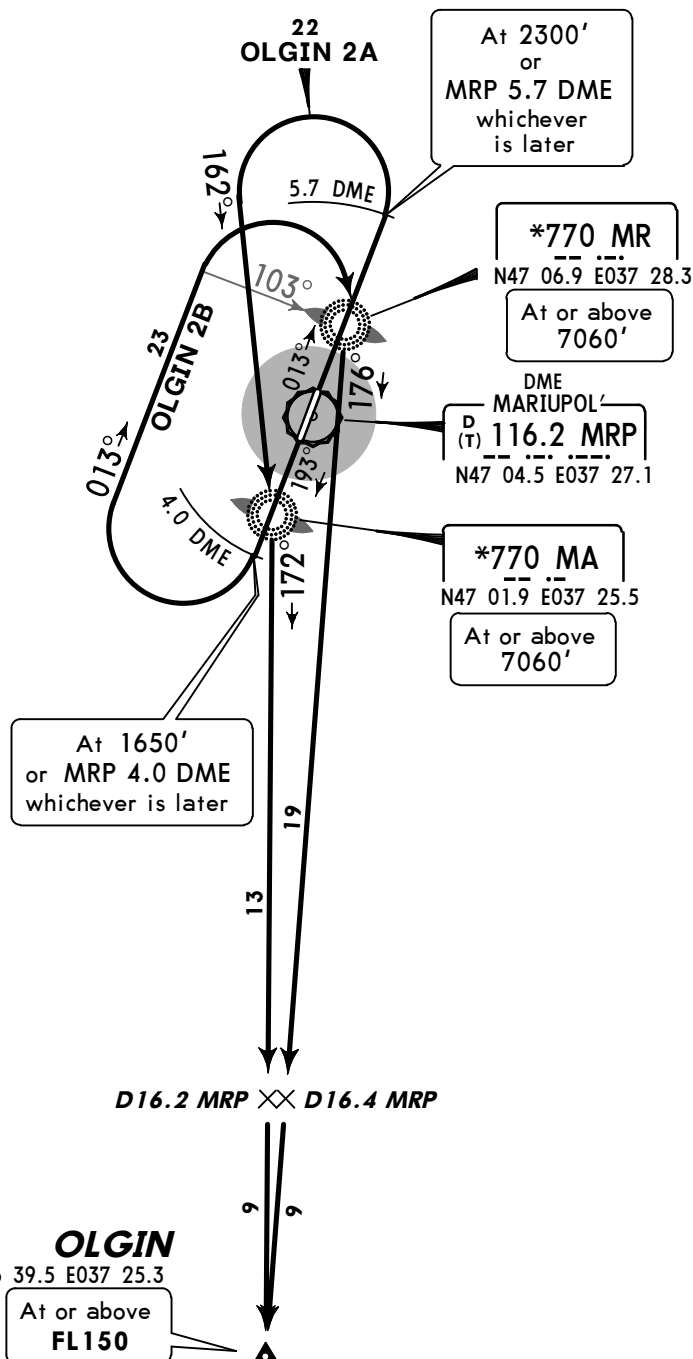
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Apt Elev
251'

Trans level: By ATC Trans alt: 10010'



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



These SIDs require minimum climb gradients of

OLGIN 2A: 6.0% up to FL150,

OLGIN 2B: 5.0% up to FL150.

Gnd speed-KT	75	100	150	200	250	300
6.0% V/V (fpm)	456	608	911	1215	1519	1823
5.0% V/V (fpm)	380	506	760	1013	1266	1519

If unable to comply contact ATC.

FT/METER CONVERSION

QNH

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

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.

Apt Elev
251'

Trans level: By ATC Trans alt: 10010'

2200'

MSA
MRP DME

PAVLIV ONE ALFA (PW 1A)
PAVLIV ONE BRAVO (PW 1B)
PEMES ONE ALFA (PEMES 1A) [PEME1A]
PEMES ONE BRAVO (PEMES 1B) [PEME1B]
RWYS 01, 19 DEPARTURES

PAVLIV
815 PW
N47 44.9 E037 13.5

At or above
8040'

D23.1 MRP
At or above
7060'

D24.6 MRP
At or above
7060'

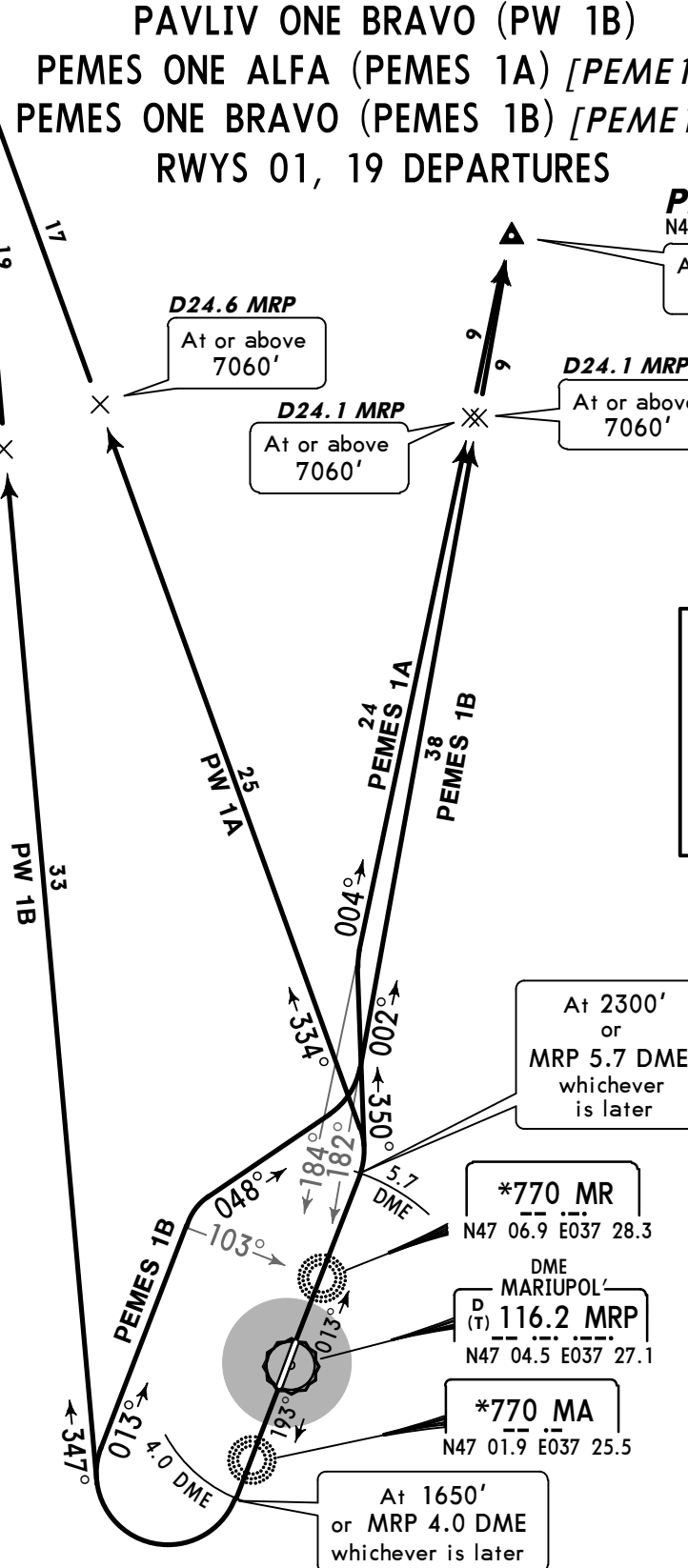
D24.1 MRP
At or above
7060'

PEMES
N47 37.2 E037 36.4
At or above
7060'

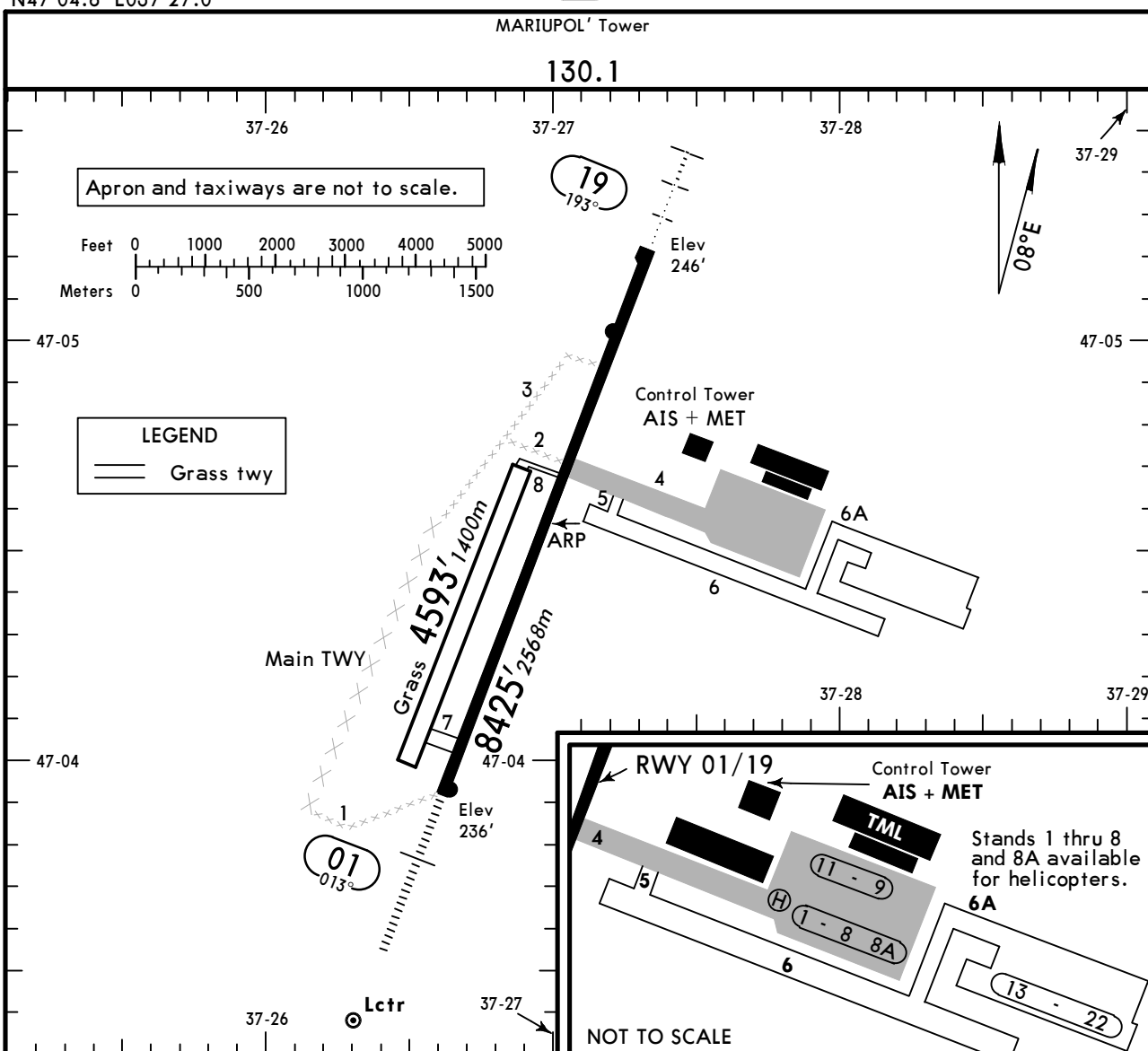
D24.1 MRP
At or above
7060'

FT/METER CONVERSION
QNH

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



SID	RWY	ROUTING
PEMES 1A	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 1B	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 1A	01	Climb on 013° track to 2300' or MRP 5.7 DME, whichever is later, turn LEFT, intercept 334° bearing to PW.
PW 1B	19	Climb on 193° track to 1650' or MRP 4.0 DME, whichever is later, turn RIGHT, intercept 347° bearing to PW.



ADDITIONAL RUNWAY INFORMATION

RWY				USABLE LENGTHS			WIDTH
				LANDING BEYOND		TAKE-OFF	
				Threshold	Glide Slope		
01	19	HIRL (60m) HIALS PAPI-L (angle 3.0°)		8130' 2478m	7219' 2200m	8130' 2478m	138'
				8310' 2533m	7459' 2273m	①	42m
01	19	Grass					279'
							85m

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	NIL (DAY only)
A			
B	250m	400m	500m
C			
D	300m		

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

STRAIGHT-IN RWY		A	B	C	D
01	NDB ❶	580' (344')	580' (344')	580' (344')	580' (344')
		R900m	R900m	R900m	R900m
	ALS out	R1500m	R1500m	R1600m	R1600m
19	ILS	446' (200')	446' (200')	446' (200')	456' (210')
		R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED
	NDB ❶❷	630' (384')	630' (384')	630' (384')	630' (384')
		R1400m	R1400m	R1400m	R1400m
	ALS out	R1500m	R1500m	R1800m	R1800m
	NDB ❶❸	730' (484')	730' (484')	730' (484')	730' (484')
		R1500m	R1500m	R1800m	R1800m
	ALS out	R1500m	R1500m	C2300m	C2300m

❶ Continuous Descent Final Approach.

❷ with LOM.

❸ w/o LOM.

CIRCLE-TO-LAND ❹	100 KT	135 KT	180 KT	205 KT
	690' (439')	1230' (979')	1330' (1079')	1330' (1079')
After NDB to rwy 19	730' (479')	1230' (979')	1330' (1079')	1330' (1079')
	V1500m	V1600m	V2400m	V3600m

❹ Not authorized East of airport.

TAKE-OFF RWY 01, 19		
LVP must be in force		
RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A	400m	500m
B		
C		
D		

130.1

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130.1

2200'

MSA MRP DME

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

10010' - 3050m
2960' - 900m
1970' - 600m
1650' - 500m
1320' - 400m
970' - 295m

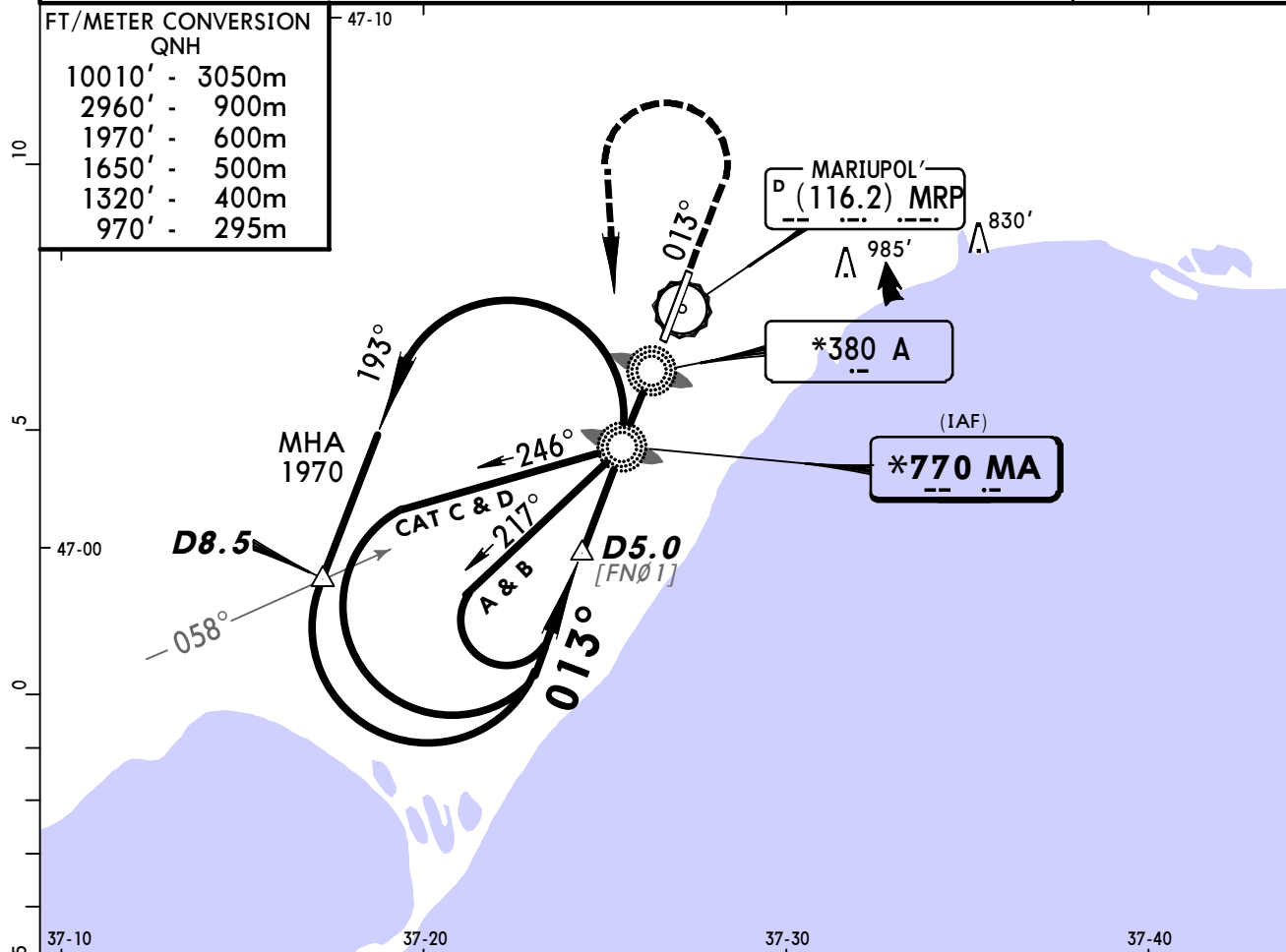


Figure 1: Profile view of runway 01.

The diagram illustrates the vertical profile of Runway 01, showing the transition from the Baseturn to the Runway End (RWE). Key features include:

- Baseturn:** Located at 1970' elevation. The start turn occurs at CAT A & B (1 1/2 Min) and CAT C & D (1 Min).
- CAT A & B:** Located at 1650' elevation. The distance from the Baseturn is 2.1 units.
- CAT C & D:** Located at 246° (1) and 217° (2) elevations. The distance from CAT A & B is 2.2 units.
- LOM (Line of Motion):** Located at 2960' elevation. The distance from CAT C & D is 1.6 units.
- LMM (Line of Motion Marker):** Located at 0.6 units from the LOM.
- TCH 50' (Touchdown Height 50 feet):** Indicated at the LMM.
- RWY 01 236' (Runway 01 236 feet):** The final segment of the runway.

HIALS
 PAPI
 1320' on 013°

JAR-OPS STRAIGHT-IN LANDING RWY 01

CIRCLE-TO-LAND
Not authorized
East of apt

MDA(H) 580' (344')		ALS out	Max Kts	MDA(H)	VIS
A	RVR 900m	RVR 1500m	100	690' (439')	1500m
B	RVR 1000m		135	1230' (979')	1600m
C		RVR 1800m	180	1330' (1079')	2400m
D	RVR 1400m	RVR 2000m	205	1330' (1079')	3600m

CHANGES: MSA. Procedure. Missed apch. Circling Minimums.

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Chart changes since cycle 24-2012

ADD = added chart, REV = revised chart, DEL = deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
MARIUPOL', (MARIUPOL' INTL - UKCM)				
ADD	KERTA 1C & 1D ARRS	10-2	30 Nov 2012	13 Dec 2012
DEL	KERTA 1G & 1H ARRS	10-2	30 Nov 2012	13 Dec 2012
ADD	KUBIR 1C & 1D ARRS	10-2A	30 Nov 2012	13 Dec 2012
DEL	KUBIR 1M & 1N ARRS	10-2A	30 Nov 2012	13 Dec 2012
REV	OLGIN 2C & 2D ARRS	10-2B	30 Nov 2012	13 Dec 2012
ADD	PAVLIV & PEMES 1C & 1D AR...	10-2C	30 Nov 2012	13 Dec 2012
DEL	PAVLIV & PEMES 1M & 1N AR...	10-2C	30 Nov 2012	13 Dec 2012
ADD	KERTA 1A & 1B DEPS	10-3	30 Nov 2012	13 Dec 2012
DEL	KERTA 1E & 1F DEPS	10-3	30 Nov 2012	13 Dec 2012
ADD	KUBIR 1A & 1B DEPS	10-3A	30 Nov 2012	13 Dec 2012
DEL	KUBIR 1K & 1L DEPS	10-3A	30 Nov 2012	13 Dec 2012
REV	OLGIN 2A & 2B DEPS	10-3B	30 Nov 2012	13 Dec 2012
ADD	PAVLIV & PEMES 1A & 1B DE...	10-3C	30 Nov 2012	13 Dec 2012
DEL	PAVLIV & PEMES 1K & 1L DE...	10-3C	30 Nov 2012	13 Dec 2012

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UKCM