

List of pages in this Trip Kit

Trip Kit Index

Airport Information For LUBM

Terminal Charts For LUBM

Revision Letter For Cycle 09-2019

Change Notices

Notebook

General Information

Location: MARCULESTI MDA
ICAO: LUBM
Lat/Long: N47° 51.7', E028° 12.8'
Elevation: 331 ft

Airport Use: Public
Daylight Savings: Observed
UTC Conversion: -2:00 = UTC
Magnetic Variation: 6.0° E

Fuel Types: Jet A-1
Repair Types: Minor Airframe, Minor Engine
Customs: Yes
Airport Type: IFR
Landing Fee: Yes
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: No

Sunrise: 0236 Z
Sunset: 1731 Z

Runway Information

Runway: 07
Length x Width: 8241 ft x 131 ft
Surface Type: concrete
TDZ-Elev: 315 ft
Stopway: 262 ft

Runway: 25
Length x Width: 8241 ft x 131 ft
Surface Type: concrete
TDZ-Elev: 331 ft
Stopway: 262 ft

Communication Information

Marculesti Tower: 122.050

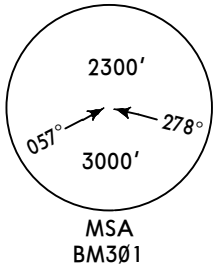
LUBM
MARCULESTI INTL

30 SEP 16 10-2 Eff 13 Oct

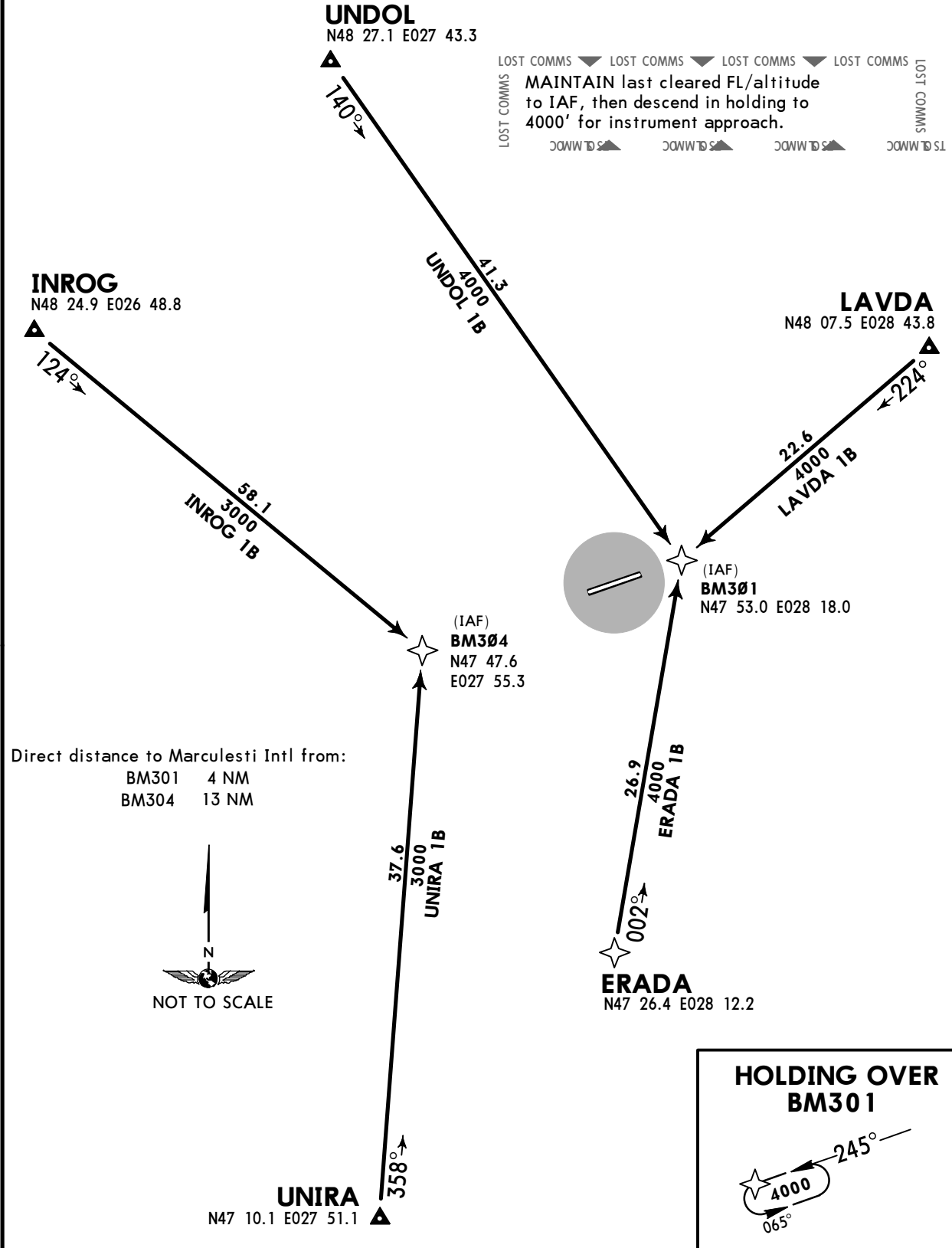
JEPPESEN MARCULESTI, MOLDOVA

RNAV STAR

Apt Elev 331'
Alt Set: hPa Trans level: By ATC Trans alt: 4000'
RNAV (GNSS).



ERADA 1B [ERAD1B]
INROG 1B [INRO1B]
LAVDA 1B [LAVD1B]
UNDOL 1B [UNDO1B]
UNIRA 1B [UNIR1B]
RWY 07 RNAV ARRIVALS



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MARCULESTI INTL

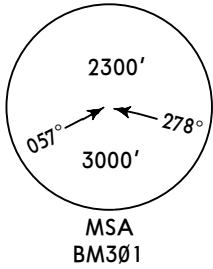
30 SEP 16 (10-2A) Eff 13 Oct

JEPPESSEN MARCULESTI, MOLDOVA

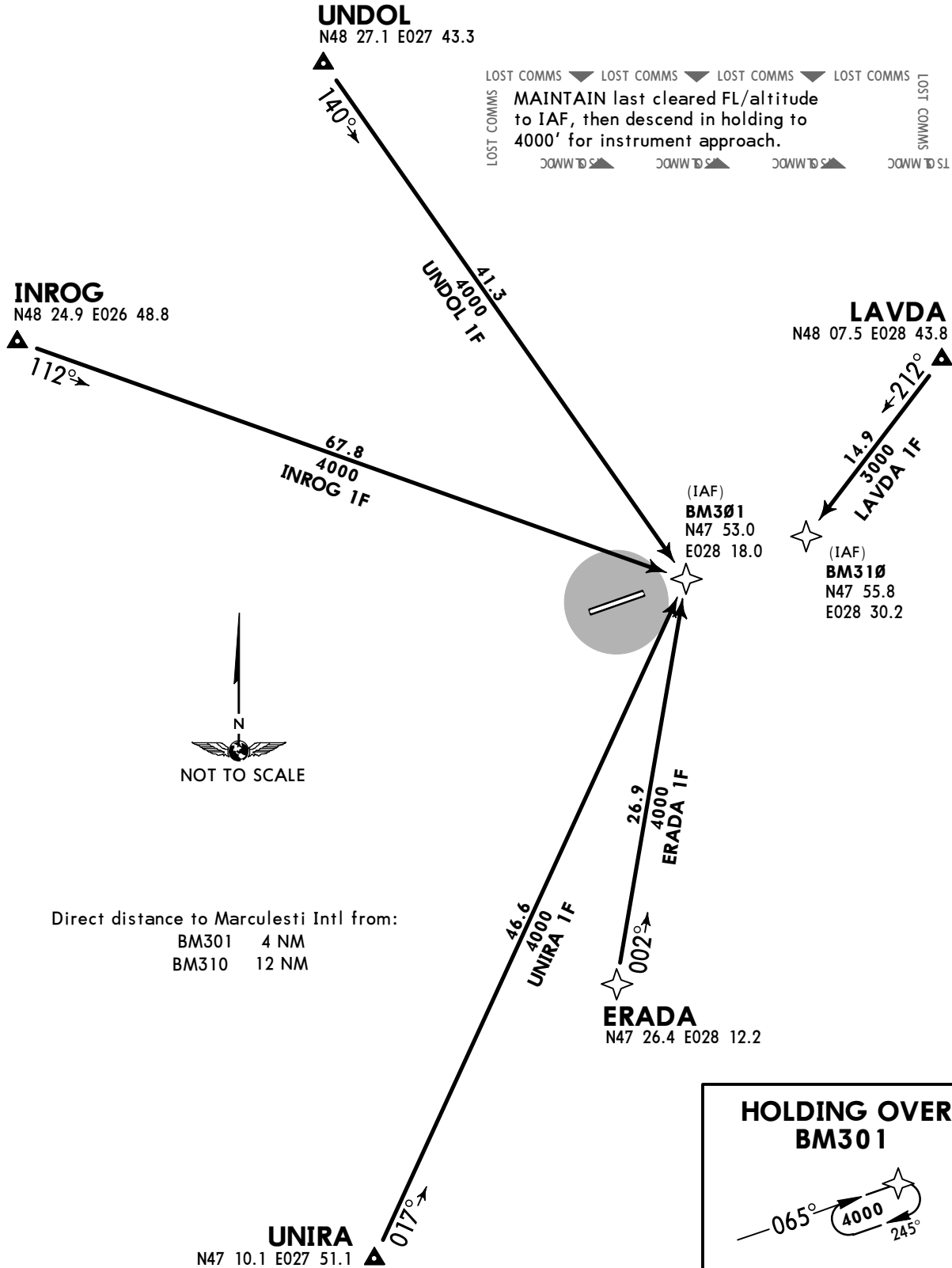
RNAV STAR

Apt Elev
331'

Alt Set: hPa Trans level: By ATC Trans alt: 4000'
RNAV (GNSS).



ERADA 1F [ERAD1F]
INROG 1F [INRO1F]
LAVDA 1F [LAVD1F]
UNDOL 1F [UNDO1F]
UNIRA 1F [UNIR1F]
RWY 25 RNAV ARRIVALS



LUBM
MARCULESTI INTL

JEPPESEN

MARCULESTI, MOLDOVA

30 SEP 16

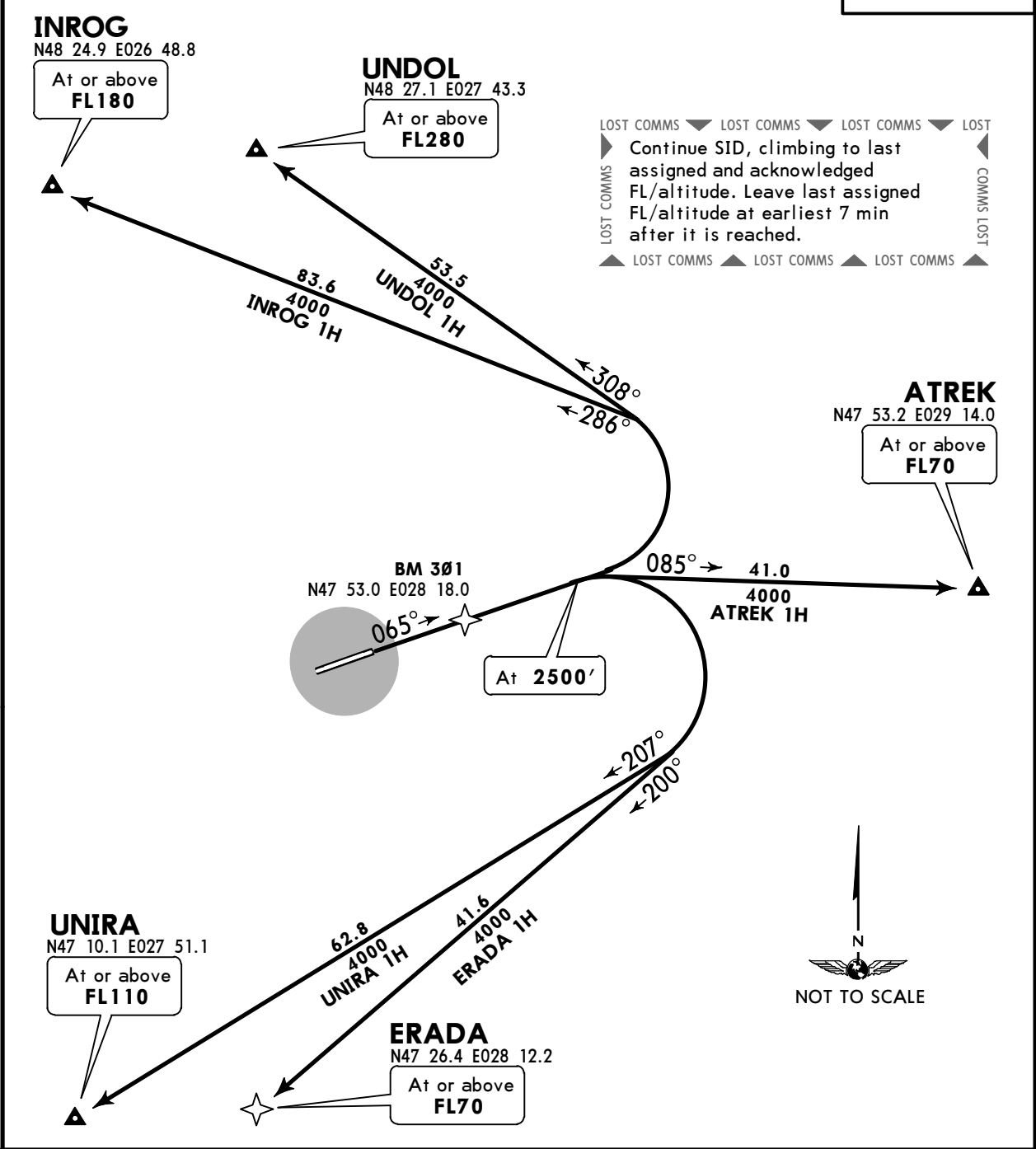
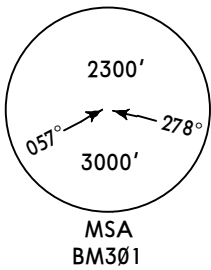
10-3

Eff 13 Oct

RNAV SID

*MARCULESTI Tower 122.050	Apt Elev 331'	Trans level: By ATC Trans alt: 4000' 1. RNAV (GNSS). 2. Contact MARCULESTI Tower after take-off. 3. Turns are calculated with 240 KT and bank angle 20°.
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ATREK 1H [ATRE1H], ERADA 1H [ERAD1H]
INROG 1H [INRO1H], UNDOL 1H [UNDO1H]
UNIRA 1H [UNIR1H]
RNAV DEPARTURES



Initial climb clearance 4000'		
SID	RWY	ROUTING
ATREK 1H	07	Climb straight ahead to 2500', turn RIGHT, 085° track to ATREK.
ERADA 1H		Climb straight ahead to 2500', turn RIGHT, 200° track to ERADA.
INROG 1H		Climb straight ahead to 2500', turn LEFT, 286° track to INROG.
UNDOL 1H		Climb straight ahead to 2500', turn LEFT, 308° track to UNDOL.
UNIRA 1H		Climb straight ahead to 2500', turn RIGHT, 207° track to UNIRA.

LUBM

MARCULESTI INTL

30 SEP 16

10-3A

Eff 13 Oct

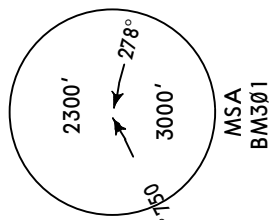
RNAV SID

Trans level: By ATC Trans alt: 4000'

1. RNAV (GNSS).
2. Contact MARCULESTI Tower after take-off.
3. Turns are calculated with 240 KT and bank angle 20°.

*MARCULESTI Tower
122.050

Apt Elev
331'



MSA
BM301

ATREK 1J [ATRE1J]
ERADA 1J [ERAD1J]
INROG 1J [INRO1J]
UNDOL 1J [UNDO1J]
UNIRA 1J [UNIR1J]
RNAV DEPARTURES

Initial climb clearance 4000'

ROUTING

RWY

25

UNDOL
N48 27.1 E027 43.3
At or above
FL280

INROG
N48 24.9 E026 48.8
At or above
FL180

ATREK
N47 53.2 E029 14.0
At or above
FL70

ERADA
N47 26.4 E028 12.2
At or above
FL70

UNIRA
N47 10.1 E027 51.1
At or above
FL110

UNDOL
N48 27.1 E027 43.3
At or above
FL280

INROG
N48 24.9 E026 48.8
At or above
FL180

ATREK
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UNIRA
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UNDOL
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At or above
FL280

INROG
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At or above
FL180

ATREK
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UNDOL
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UNIRA
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At or above
FL110

25

ATREK 1J

ERADA 1J

INROG 1J

UNDOL 1J

UNIRA 1J

ATREK 1J

ERADA 1J

INROG 1J

UNDOL 1J

UNIRA 1J

ATREK 1J

ERADA 1J

INROG 1J

UNDOL 1J

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UNIRA 1J

ATREK 1J

ERADA 1J

INROG 1J

UNDOL 1J

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UNIRA 1J

ATREK 1J

ERADA 1J

INROG 1J

UNDOL 1J

*MARCULESTI Tower

122.050

Apt Elev

331'

Trans level: By ATC

Trans alt: 4000'

1. RNAV (GNSS).

2. Contact MARCULESTI Tower after take-off.

3. Turns are calculated with 240 KT and bank angle 20°.

ATREK 1J [ATRE1J]

ERADA 1J [ERAD1J]

INROG 1J [INRO1J]

UNDOL 1J [UNDO1J]

UNIRA 1J [UNIR1J]

RNAV DEPARTURES

Initial climb clearance 4000'

ROUTING

RWY

25

ATREK 1J

ERADA 1J

INROG 1J

UNDOL 1J

UNIRA 1J

ATREK 1J

ERADA 1J

INROG 1J

UNDOL 1J

UNIRA 1J

ATREK 1J

UNDOL

N48 27.1 E027 43.3

At or above
FL280

INROG

N48 24.9 E026 48.8

At or above
FL180

ATREK

N47 53.2 E029 14.0

At or above
FL70

ERADA

N47 26.4 E028 12.2

At or above
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UNIRA

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At or above
FL110

UNDOL

N48 27.1 E027 43.3

At or above
FL280

INROG

N48 24.9 E026 48.8

At or above
FL180

ATREK

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LUBM

Apt Elev **331'**
N47 51.8 E028 12.8



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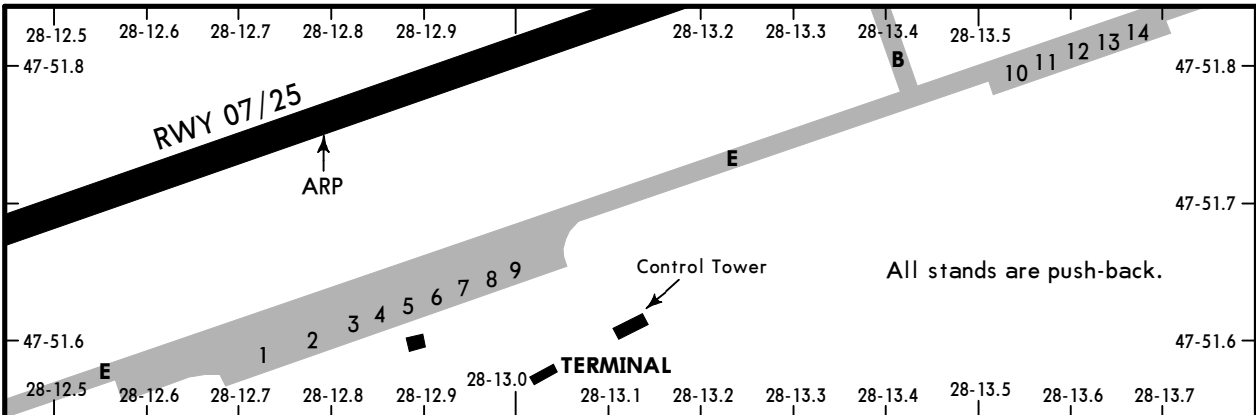
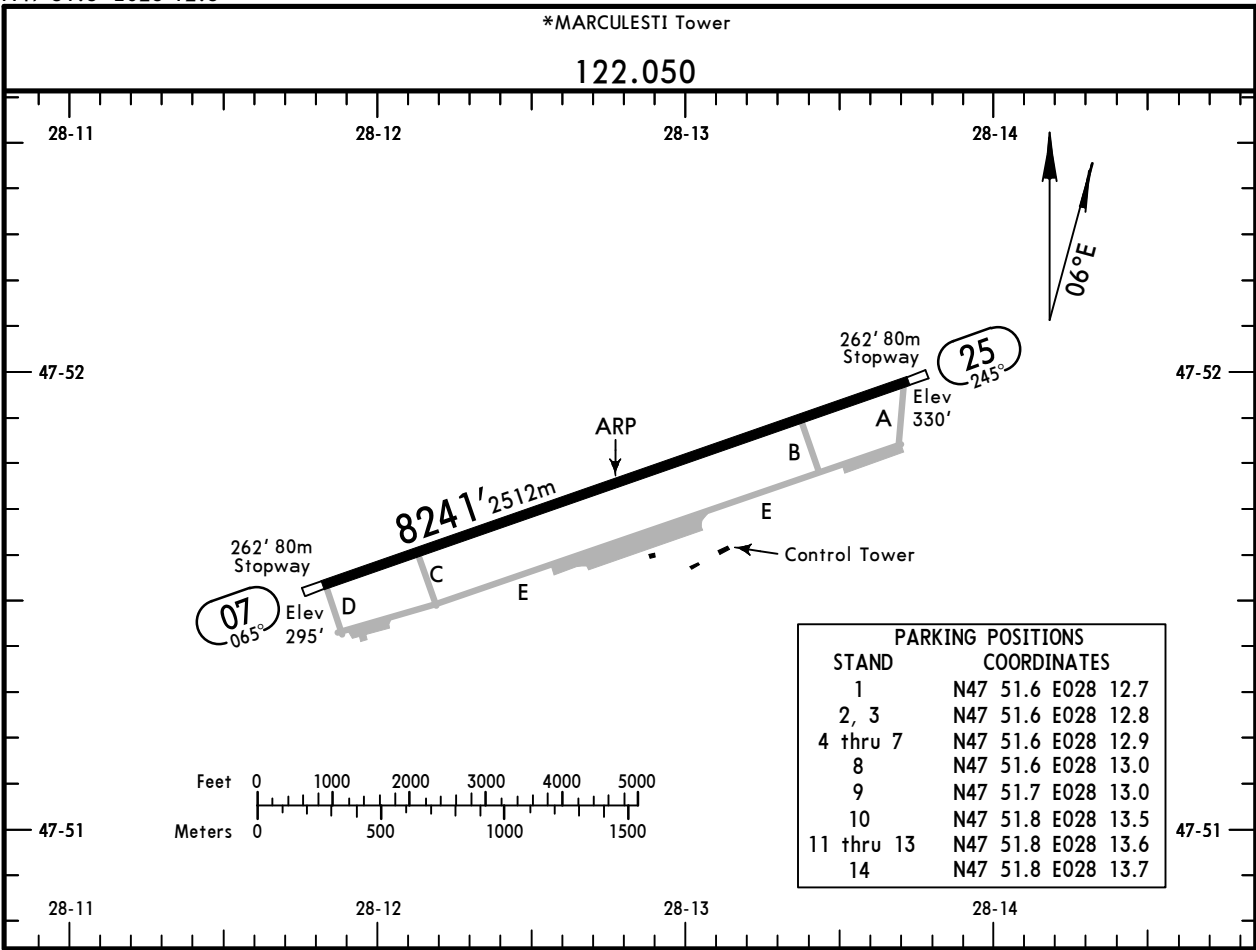
MARCULESTI, MOLDOVA

7 OCT 16

(10-9)

Eff 13 Oct

MARCULESTI INTL



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS			WIDTH
		Threshold	Landing Beyond	Take-Off	
07	25				131'
					40m

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.

LUBM



Standard

7 OCT 16
Eff 13 Oct 10-9S

MARCULESTI, MOLDOVA
MARCULESTI INTL

STRAIGHT-IN RWY	A	B	C	D
07 RNAV ①	910'(615') R1500m	910'(615') R1500m	910'(615') C2400m	910'(615') C2400m
25 RNAV ①	690'(360') R1500m	690'(360') R1500m	690'(360') R1600m	690'(360') R1600m

① Continuous Descent Final Approach.

CIRCLE-TO-LAND	100 KT	135 KT	180 KT	205 KT
After apch to rwy 07 ②	910'(615')	1090'(795')	1280'(985')	1340'(1045')
After RNAV rwy 25 ③	760'(430') V1500m ④	1110'(780') V1600m ④	1310'(980') V2400m	1330'(1000') V3600m

- ② Circling height based on rwy 07 thresh elev of 295'.
③ Circling height based on rwy 25 thresh elev of 330'.
④ or higher minimums of preceding straight-in approach.

TAKE-OFF RWY 07, 25			
LVP must be in force			
RCLM (DAY only) or RL		RCLM (DAY only) or RL	NIL (DAY only)
A	250m	400m	500m
B			
C			
D	300m		

LUBM

MARCULESTI INTL

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MARCULESTI, MOLDOVA

7 OCT 16

(12-1)

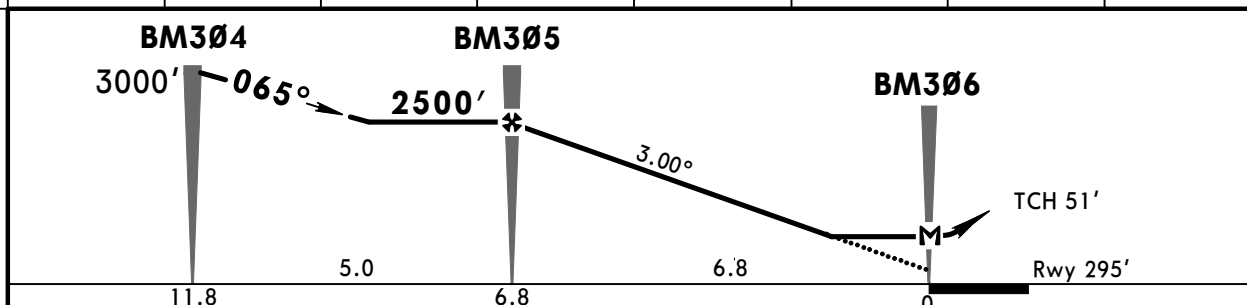
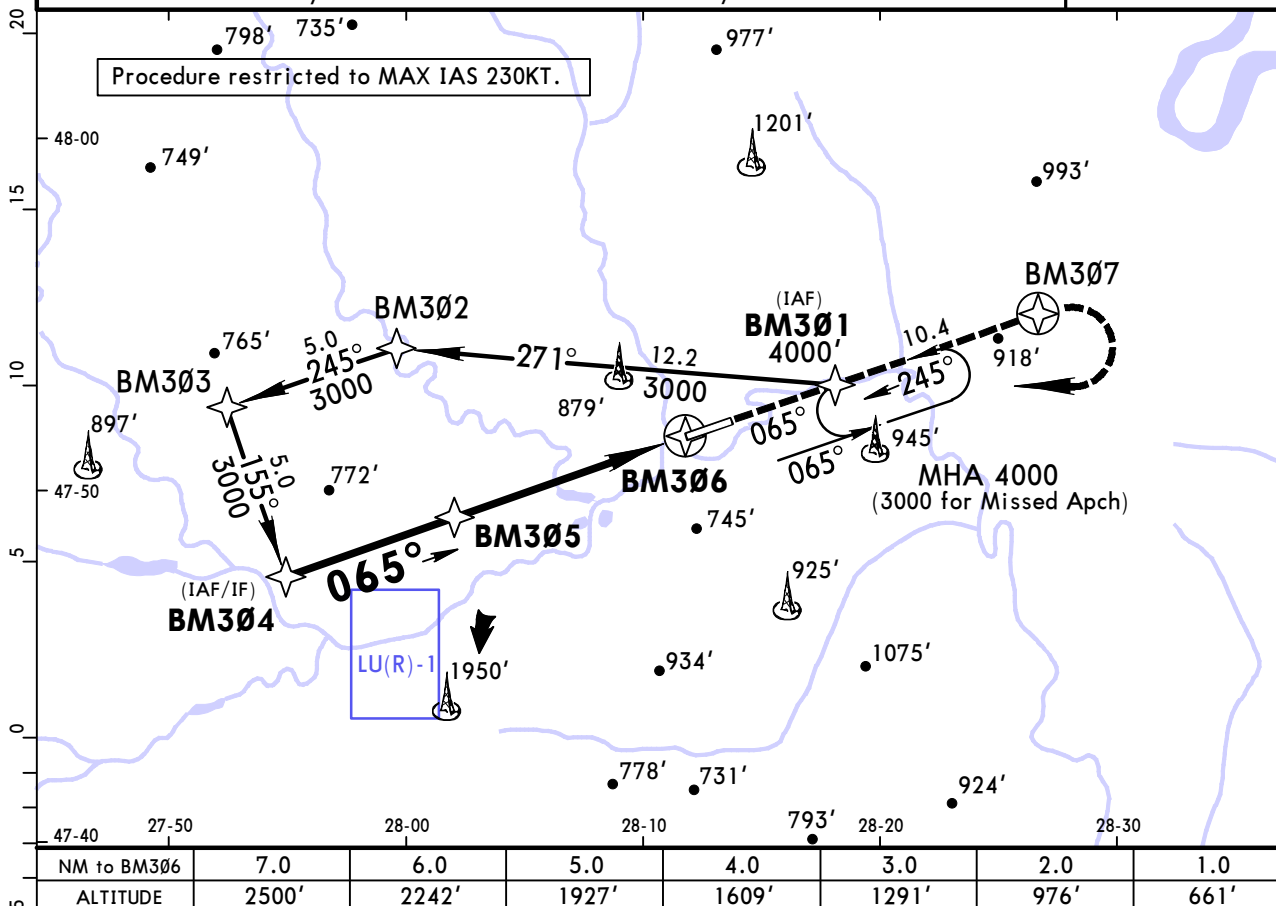
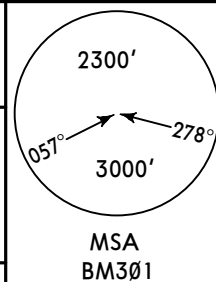
Eff 13 Oct

RNAV (GPS) Rwy 07

***MARCULESTI Tower**
122.050

BRIEFING STRIP™

RNAV	Final Apch Crs 065°	Minimum Alt BM305 2500' (2205')	LNAV MDA(H) 910' (615')	Apt Elev 331' Rwy 295'
MISSED APCH: Climb STRAIGHT AHEAD to BM307 to 2300', then turn RIGHT to BM301 climbing to 3000'. MISSED APCH WITH LOST COMM: Climb STRAIGHT AHEAD to BM307 to 2300', then turn RIGHT to BM301 climbing to 3000' and complete at least one holding.				
Alt Set: hPa	Rwy Elev: 11 hPa	Trans level: By ATC	Trans alt: 4000'	



Gnd speed-Kts	70	90	100	120	140	160		
Descent Angle 3.00°	372	478	531	637	743	849		
MAP at BM306								

JAR-OPS				CIRCLE-TO-LAND		
STRAIGHT-IN LANDING RWY 07				Circling height based on rwy 07 thresh elev of 295'		
LNAV				Max Kts	MDA(H)	VIS
MDA(H) 910' (615')						
A	RVR 1500m			100	910' (615')	1500m
B				135	1090' (795')	1600m
C	RVR 2000m			180	1280' (985')	2400m
D				205	1340' (1045')	3600m

PANS OPS

CHANGES: MSA. Boundaries. NDB CA deleted.

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LUBM
MARCULESTI INTL

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MARCULESTI, MOLDOVA

7 OCT 16

12-2

Eff 13 Oct

RNAV (GPS) Rwy 25

*MARCULESTI Tower

122.050

RNAV

Final
Apch Crs
245°

Minimum Alt
BM311
2500' (2170')

LNAV
MDA(H)
690' (360')

Apt Elev 331'
Rwy 330'

MISSED APCH: Climb STRAIGHT AHEAD to BM313 to 1600', then turn RIGHT to BM301 climbing to 3000'.

MISSED APCH WITH LOST COMM:

Climb STRAIGHT AHEAD to BM313 to 1600', then turn RIGHT to BM301 climbing to 3000' and complete at least one holding.

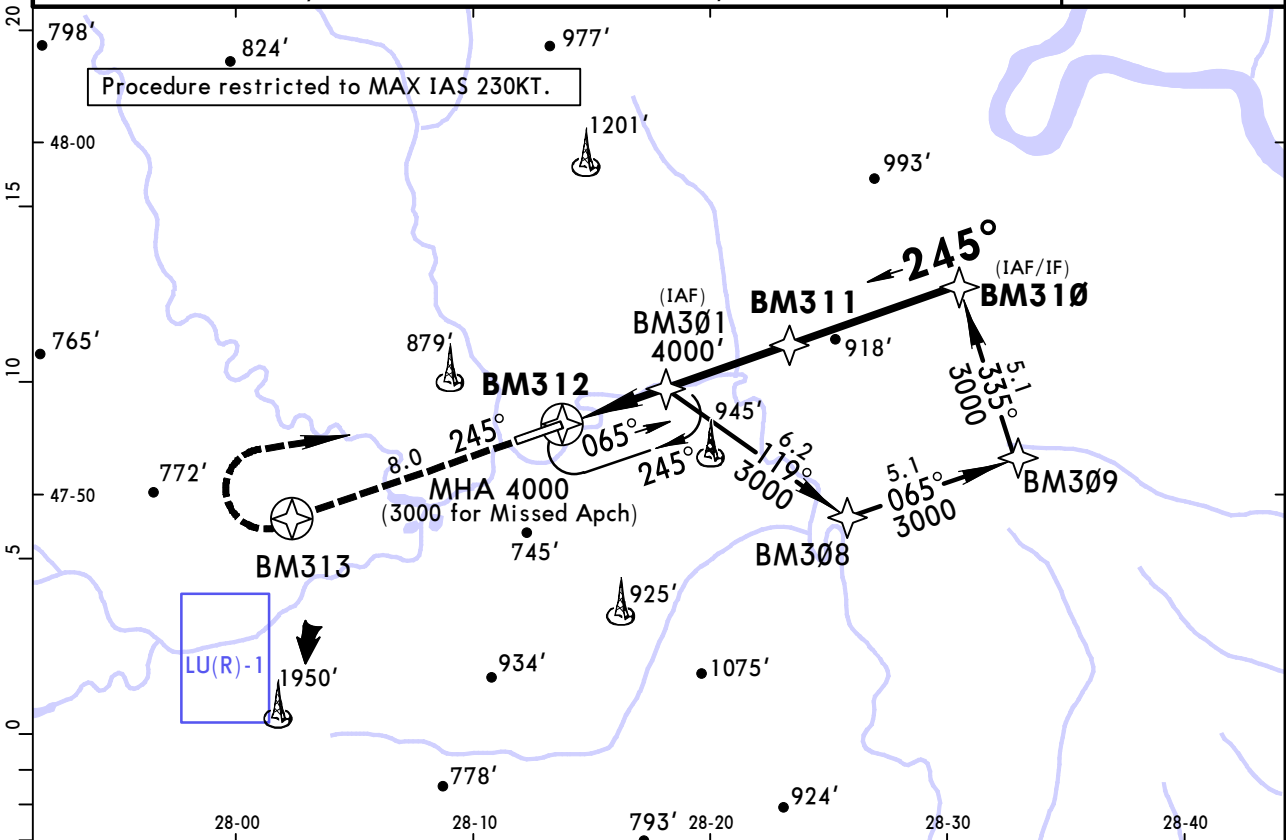
Alt Set: hPa

Rwy Elev: 12 hPa

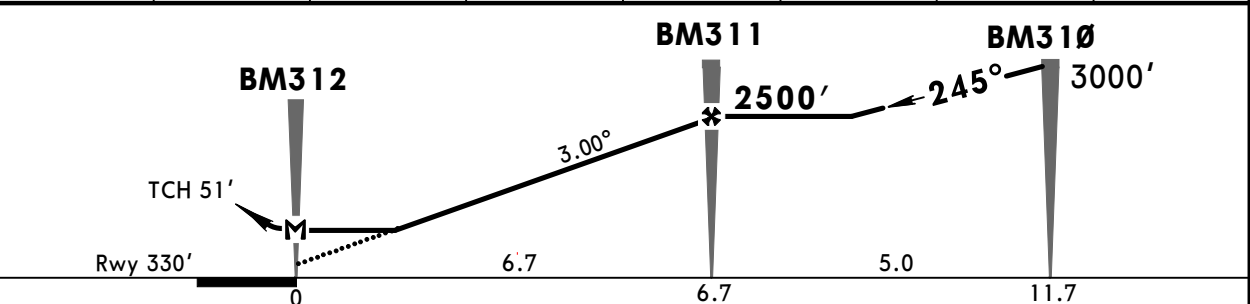
Trans level: By ATC

Trans alt: 4000'

MSA
BM301



NM to BM312	1.0	2.0	3.0	4.0	5.0	6.0	7.0
ALTITUDE	696'	1011'	1326'	1644'	1962'	2277'	2500'



Gnd speed-Kts	70	90	100	120	140	160		
Descent Angle 3.00°	372	478	531	637	743	849		
MAP at BM312								

JAR-OPS				CIRCLE-TO-LAND			
STRAIGHT-IN LANDING RWY 25				Circling height based on rwy 25 thresh elev of 330'			
LNAV							
MDA(H) 690' (360')							
A	RVR 1500m			Max Kts	MDA(H)	VIS	
				100	760' (430')	1500m	
B				135	1110' (780')	1600m	
C				180	1310' (980')	2400m	
D				205	1330' (1000')	3600m	

Chart changes since cycle 08-2019

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
MARCULESTI, (MARCULESTI INTL - LUBM)				

TERMINAL CHART CHANGE NOTICES

Chart Change Notices for Airport LUBM

Type: Terminal

Effectivity: Temporary

Begin Date: 20190619

End Date: Until Further Notice

VFR traffic permitted. Take-off VMC only.