

MMTO/TLC

LIC ADOLFO LOPEZ MATEOS INTL

JEPPesen

10-2

1 APR 11

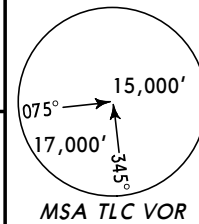
TOLUCA, MEXICO

RNAV STAR

ATIS
127.8

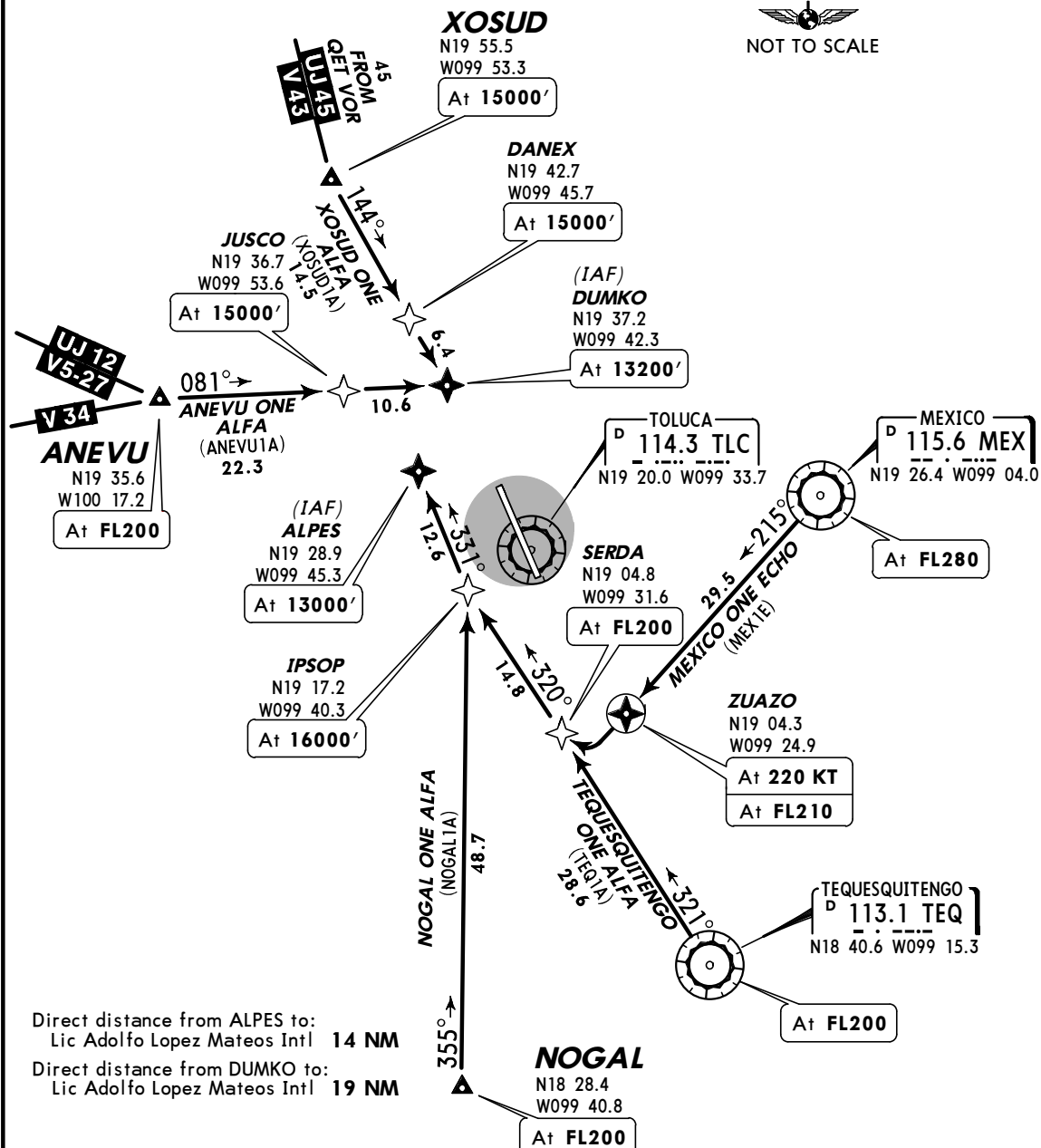
Apt Elev
8466'

Alt Set: MB (IN on request)
 Trans level: FL195 Trans alt: 18500'
 1. RADAR required.
 2. RNAV 1.



RNAV (GNSS) ARRIVALS RWY 15

ANEVU ONE ALFA (ANEVU1A) [ANEV1A],
 MEXICO ONE ECHO (MEX1E) [MEX1E],
 NOGAL ONE ALFA (NOGAL1A) [NOGA1A],
 TEQUESQUITENGO ONE ALFA (TEQ1A) [TEQ1A],
 XOSUD ONE ALFA (XOSUD1A) [XOSU1A]



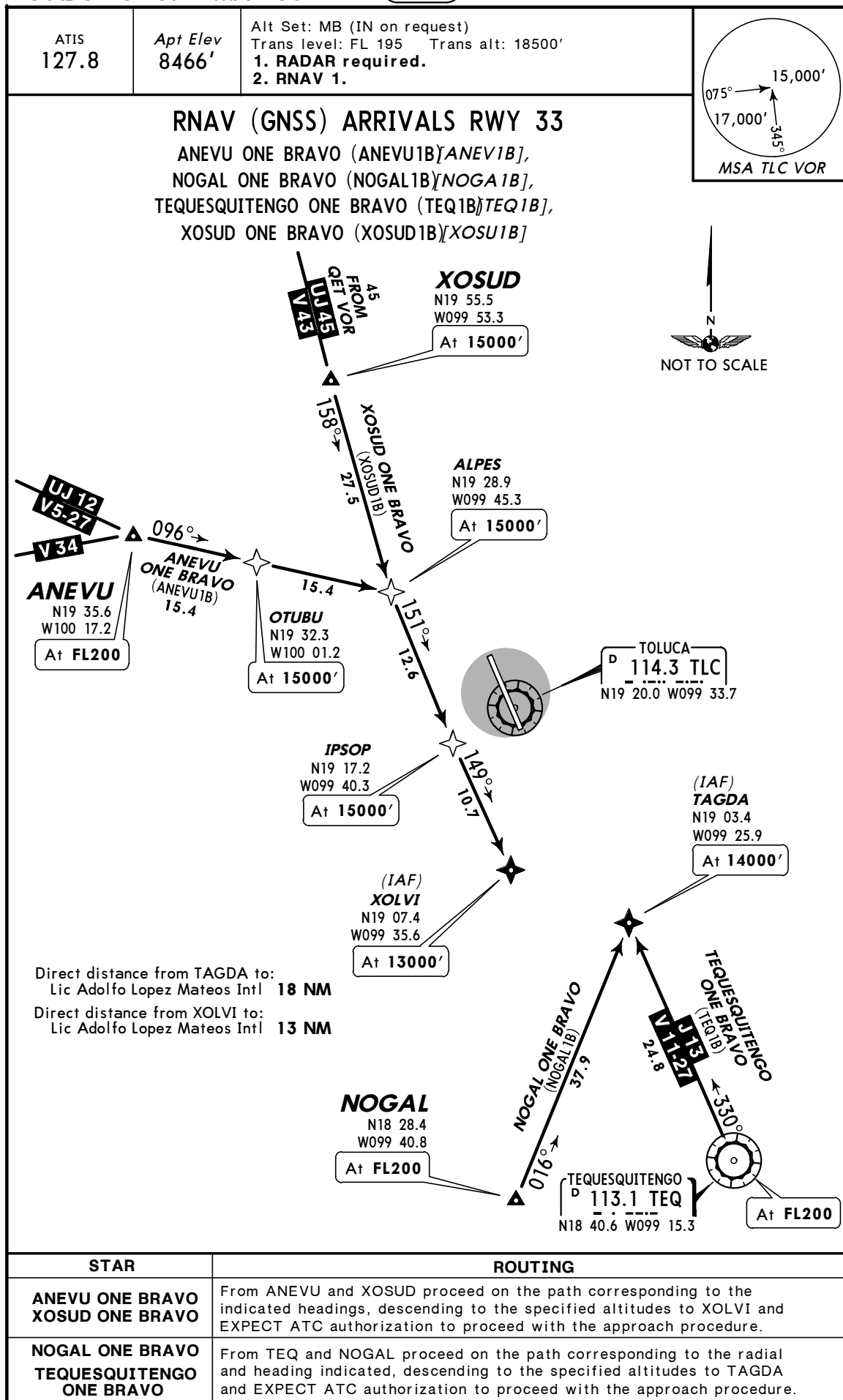
STAR	ROUTING
ANEVU ONE ALFA XOSUD ONE ALFA	From ANEVU and XOSUD proceed on the path corresponding to the indicated headings, descending to the specified altitudes to DUMKO and EXPECT ATC authorization to proceed with the approach procedure.
MEXICO ONE ECHO NOGAL ONE ALFA TEQUESQUITENGO ONE ALFA	From MEX, TEQ and NOGAL proceed on the path corresponding to the radial and heading indicated, descending to the specified altitudes to ALPES and EXPECT ATC authorization to proceed with the approach procedure.

CHANGES: None.

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MMTO/TLC
LIC ADOLFO LOPEZ MATEOS INTL (10-2A) 1 APR 11

TOLUCA, MEXICO
RNAV STAR



MMTO/TLC

LIC ADOLFO LOPEZ MATEOS INTL

JEPPESEN

(10-2B)

4 FEB 11

Eff 10 Feb

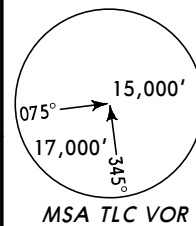
TOLUCA, MEXICO

STAR

ATIS
127.8

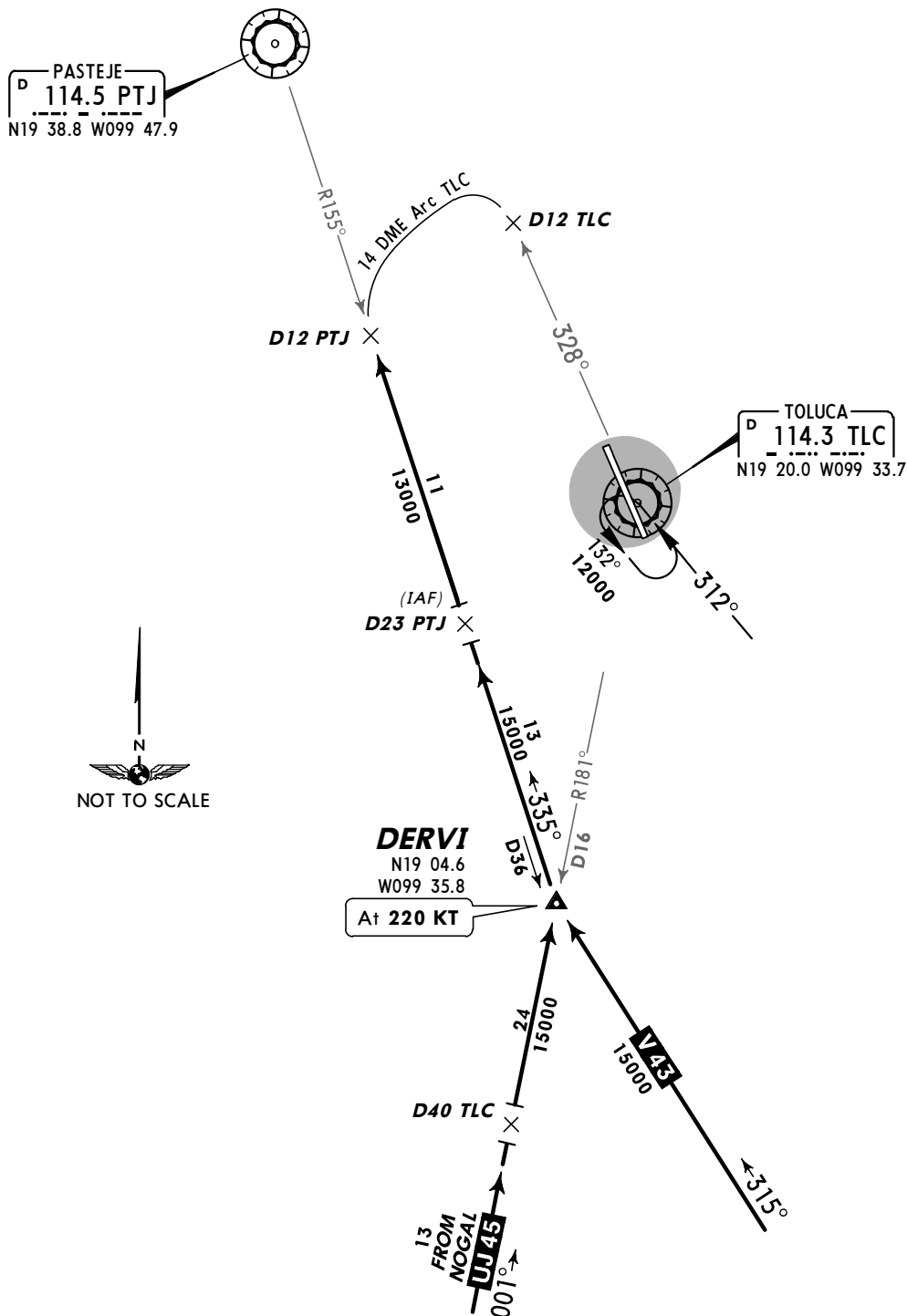
Apt Elev
8466'

Alt Set: MB (IN on request)
 Trans level: FL195 Trans alt: 18500'
 In case of DME failure at any point during this
 procedure, MAINTAIN last altitude and proceed to
 the station in accordance with ATC instructions.



ARRIVAL RWY 15

DERVI FOUR (DERVI4)



ROUTING

From DERV I, proceed on PTJ R-155, **MAINTAIN 15000'** to D23 PTJ, descend to **13000'** to D12 PTJ and EXPECT authorization to proceed with the approach procedure to the assigned runway.

CHANGES: Procedure renumbered, initial approach fix, distances.

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MMTO/TLC
LIC ADOLFO LOPEZ MATEOS INTL



4 FEB 11
Eff 10 Feb

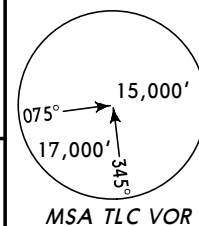
TOLUCA, MEXICO

STAR

ATIS
127.8

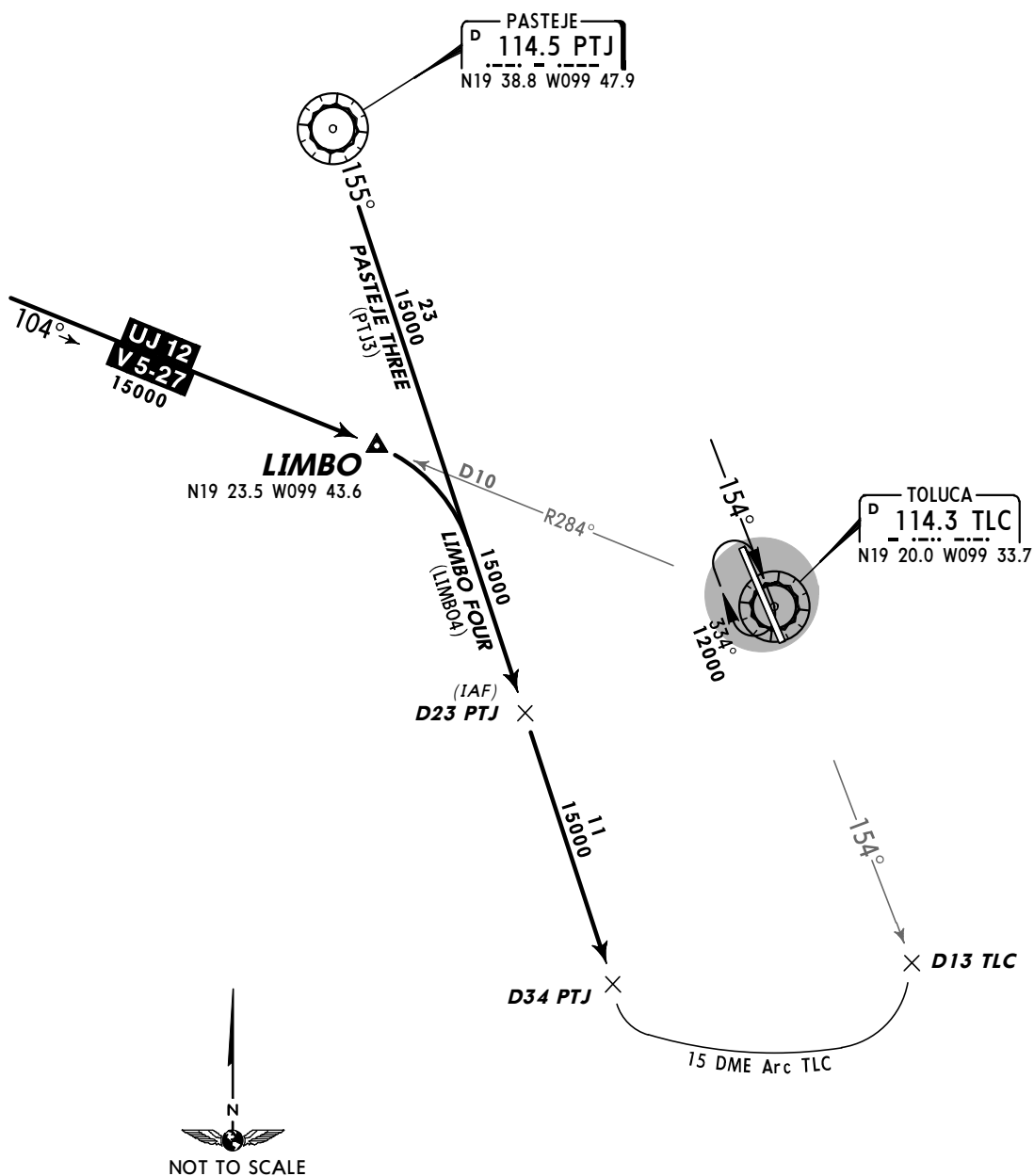
Apt Elev
8466'

Alt Set: MB (IN on request)
Trans level: FL195 Trans alt: 18500'
In case of DME failure at any point during this
procedure, MAINTAIN last altitude and proceed to
the station in accordance with ATC instructions.



ARRIVALS RWY 33

LIMBO FOUR (LIMBO4),
PASTEJE THREE (PTJ3)



ROUTING

From the corresponding intersection, intercept PTJ R-155 and **MAINTAIN 15000'** to D34 PTJ, then EXPECT authorization to proceed with the approach procedure to the assigned runway.

CHANGES: Procedures renumbered, initial approach fix, distances.

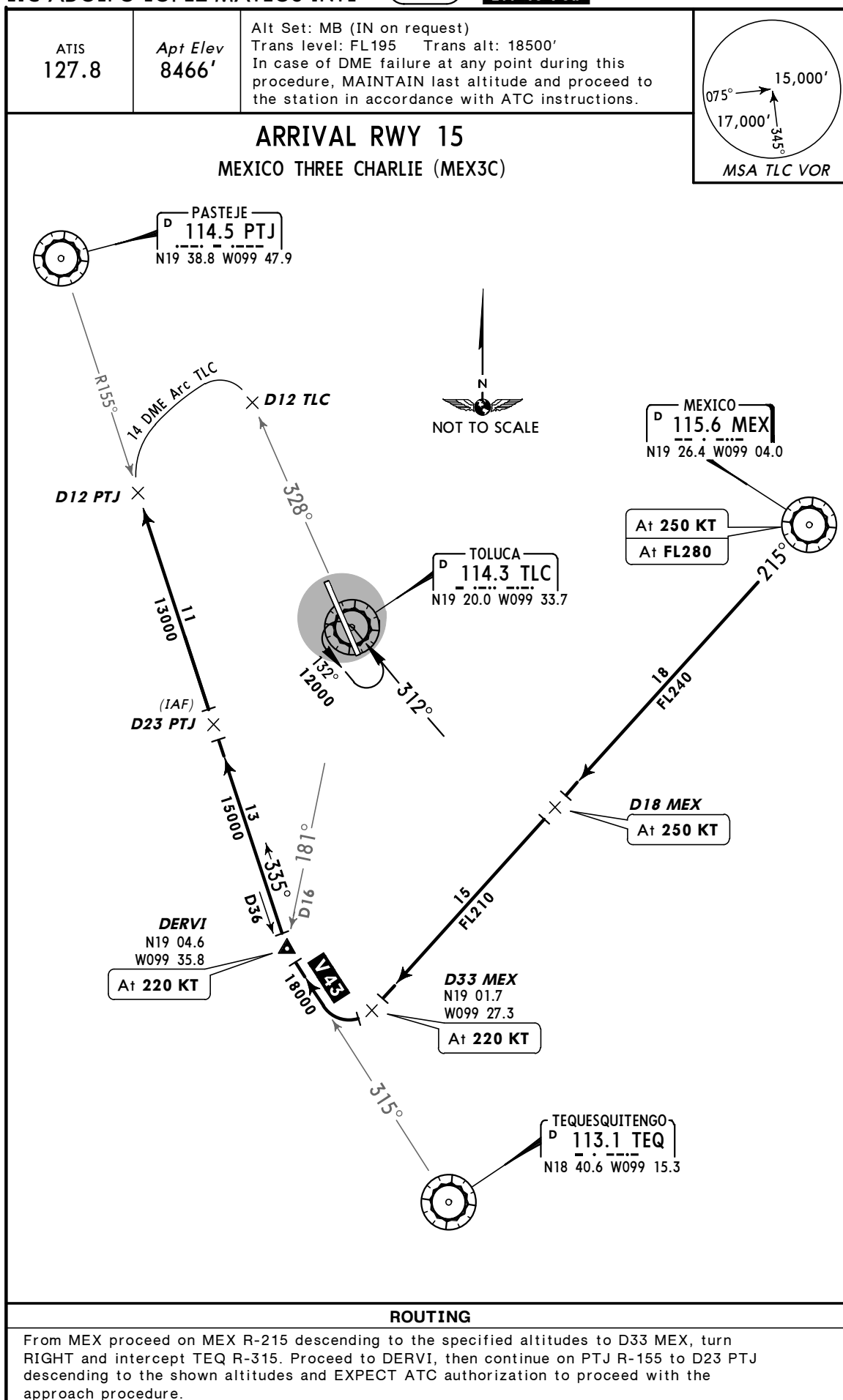
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MMTO/TLC
LIC ADOLFO LOPEZ MATEOS INTL

JEPPESEN
10-2D

4 FEB 11
 Eff 10 Feb

TOLUCA, MEXICO
STAR



MMTO/TLC

LIC ADOLFO LOPEZ MATEOS INTL

JEPPESSEN

10-2E

4 FEB 11

Eff 10 Feb

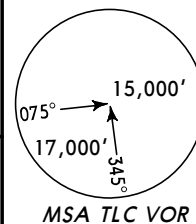
TOLUCA, MEXICO

STAR

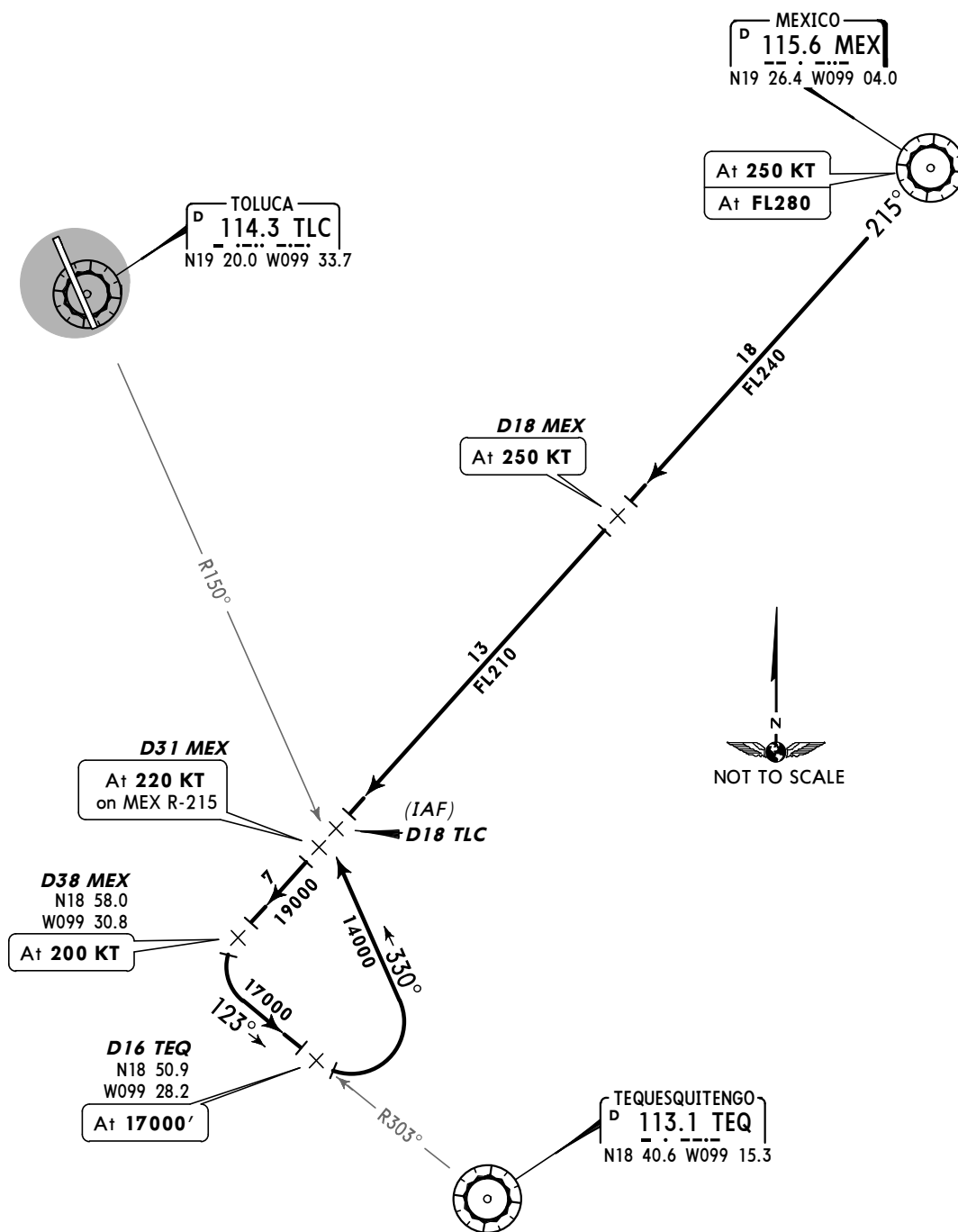
ATIS
127.8

Apt Elev
8466'

Alt Set: MB (IN on request)
 Trans level: FL195 Trans alt: 18500'
 In case of DME failure at any point during this
 procedure, MAINTAIN last altitude and proceed to
 the station in accordance with ATC instructions.



ARRIVAL RWY 33
MEXICO TWO DELTA (MEX2D)



ROUTING

From MEX proceed on MEX R-215 descending to the specified altitudes to D38 MEX, turn LEFT and intercept TEQ R-303 to D16 TEQ. Turn LEFT and intercept TLC R-150 then proceed to D18 TLC descending to **14000'** and EXPECT ATC authorization to proceed with the approach procedure.

CHANGES: Bearing.

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MMTO/TLC

LIC ADOLFO LOPEZ MATEOS INTL

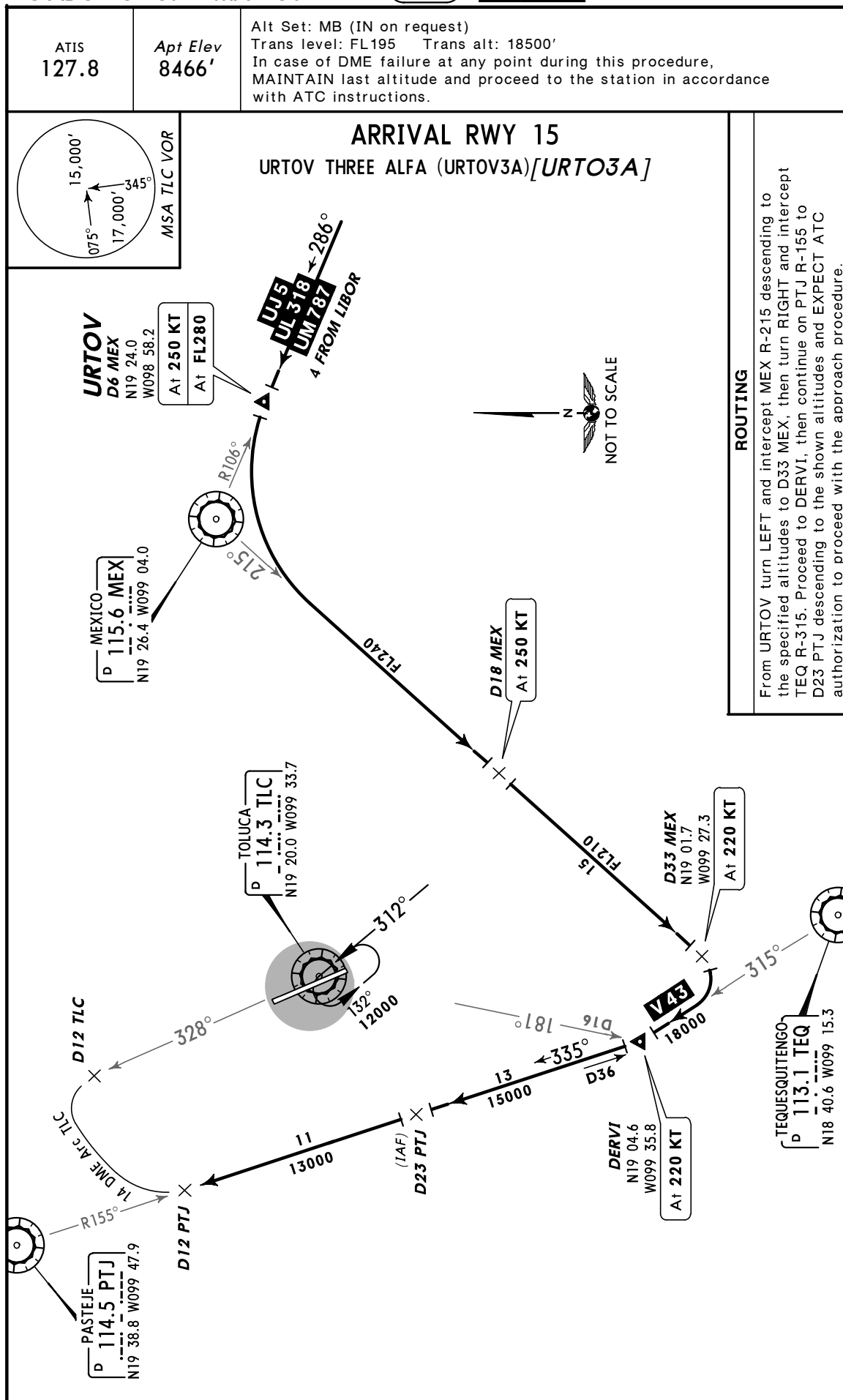
JEPPESEN

10-2F

4 FEB 11
Eff 10 Feb

TOLUCA, MEXICO

STAR



CHANGES: Procedure renumbered, initial approach fix, distances.

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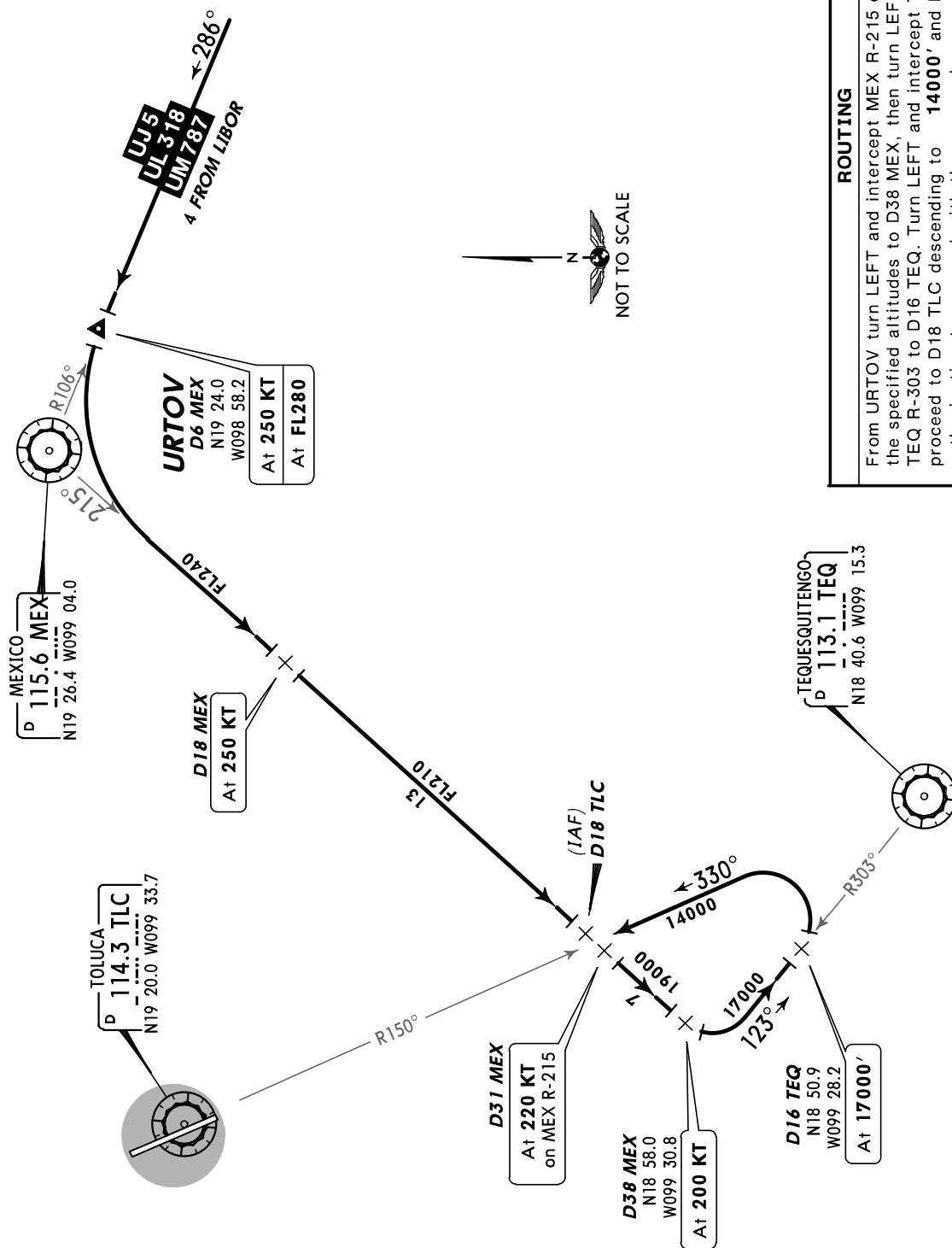
4 FEB 11
ff 10 Feb

STAR

Alt Set: MB (IN on request)
Trans level: FL195 Trans alt: 18500'
In case of DME failure at any point during this procedure,
MAINTAIN last altitude and proceed to the station in accordance
with ATC instructions.



URTOV TWO BRAVO (URTOV2B) [*URTO2B*]



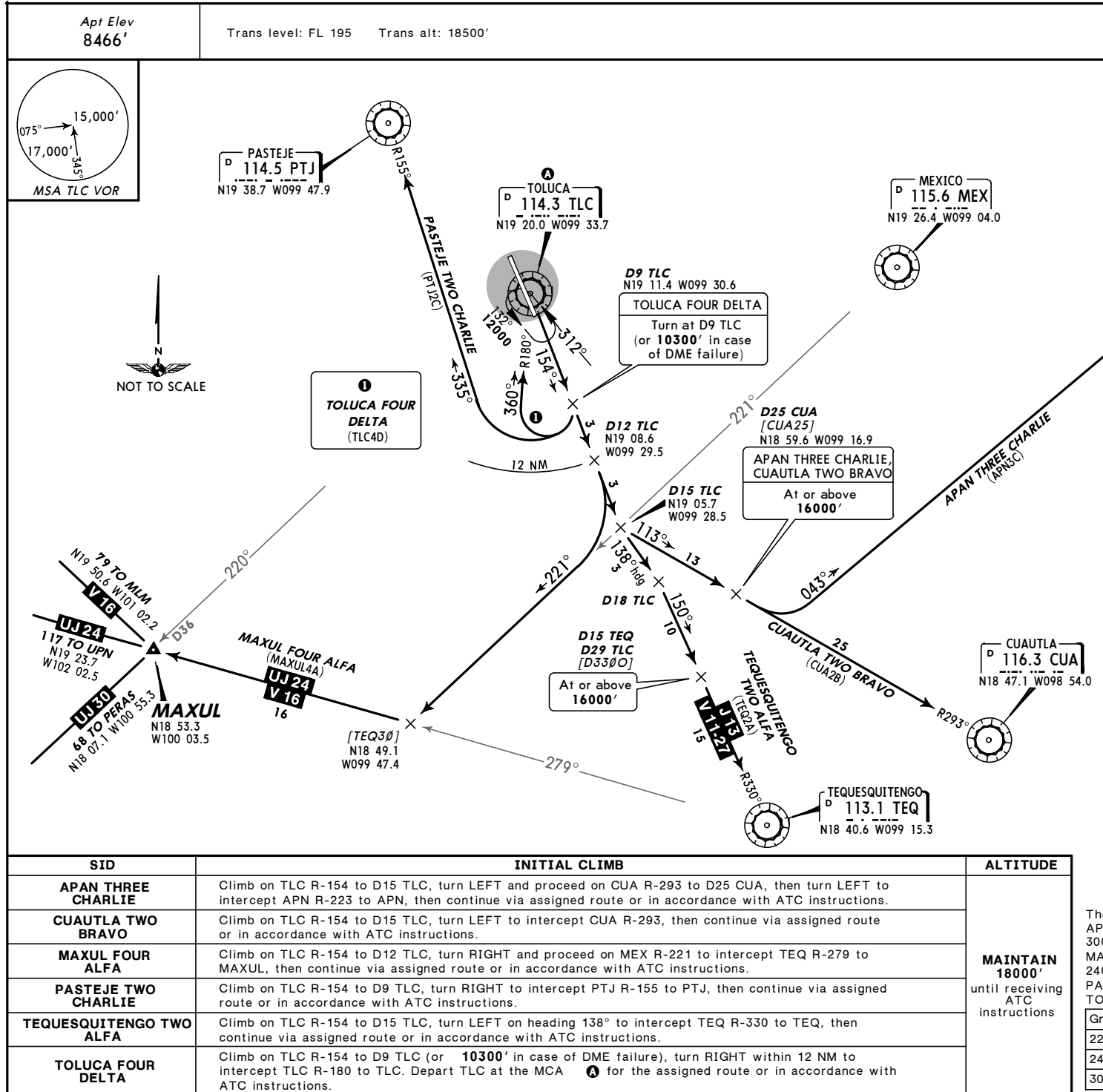
ROUTING

From URTOV turn LEFT and intercept MEX R-215 descending to the specified altitudes to D38 MEX, then turn LEFT and intercept TEQ R-303 to D16 TEQ. Turn LEFT and intercept TLC R-150 and proceed to **14000'**, and EXPECT ATC authorization to proceed with the approach procedure.

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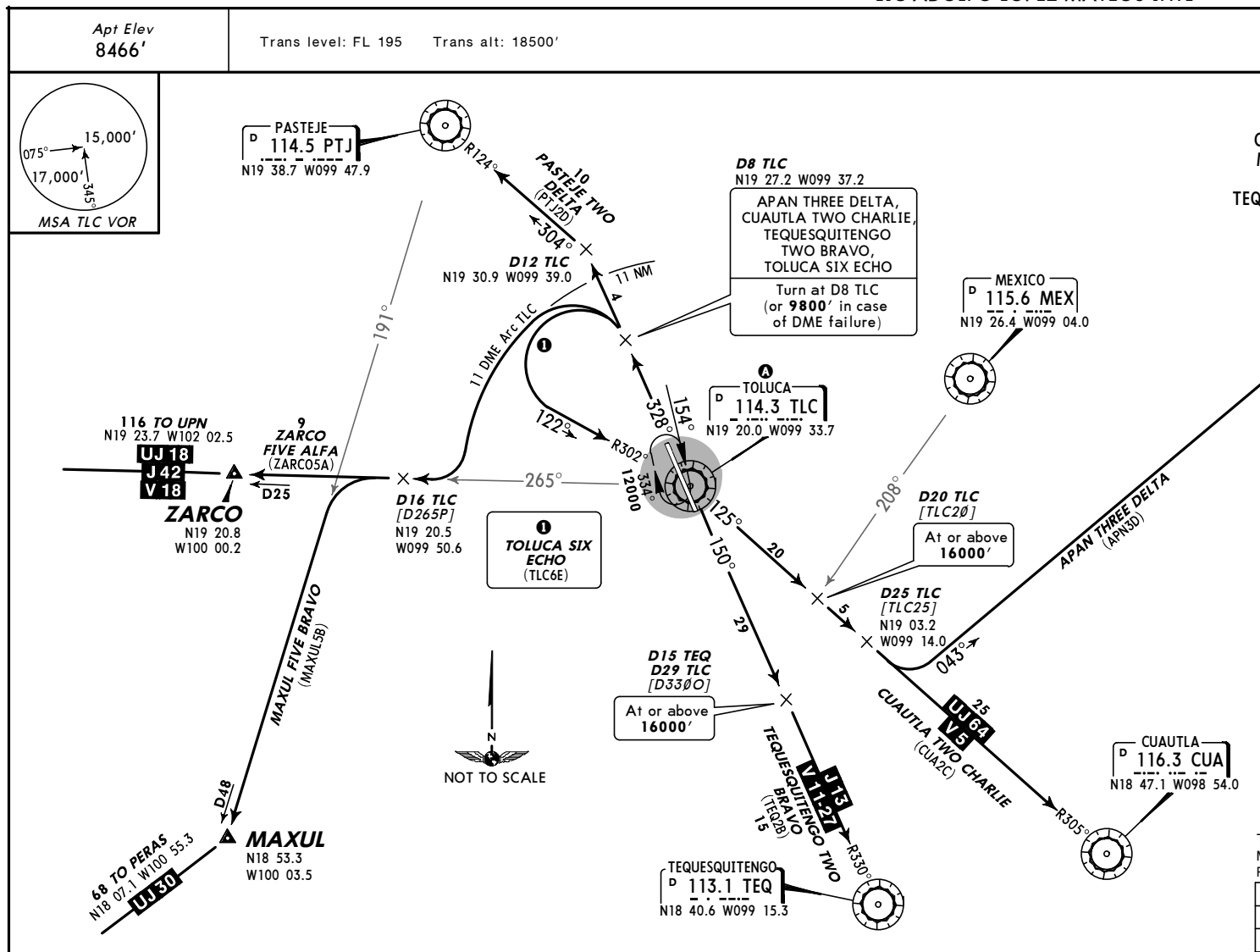
MMTO/TLC

LIC ADOLFO LOPEZ MATEOS INTL



MMTO/TLC

LIC ADOLFO LOPEZ MATEOS INTL



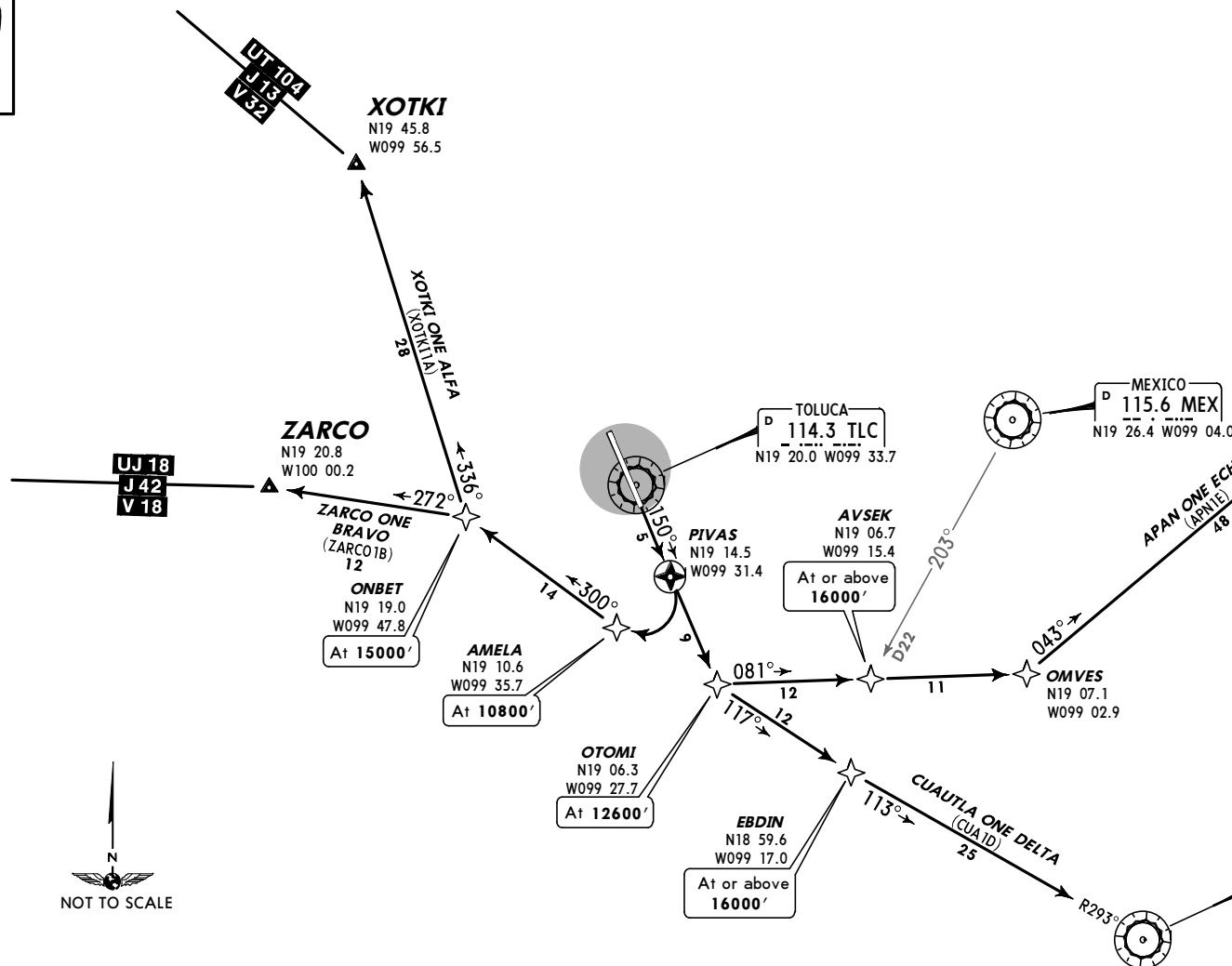
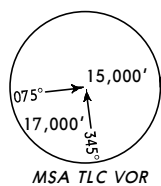
SID	INITIAL CLIMB
APAN THREE DELTA	Climb on TLC R-328 to D8 TLC (or 9800' in case of DME failure), turn LEFT within 11 NM to intercept TLC R-302 to TLC. Depart TLC to D25 TLC, then turn LEFT and intercept APN R-223 to APN, then continue via assigned route or in accordance with ATC instructions.
CUAUTLA TWO CHARLIE	Climb on TLC R-328 to D8 TLC (or 9800' in case of DME failure), turn LEFT within 11 NM to intercept TLC R-302 to TLC. Depart TLC to CUA, or in accordance with ATC instructions.
MAXUL FIVE BRAVO	Climb on TLC R-328 to D8 TLC, turn LEFT onto the TLC 11 DME Arc to intercept TLC R-265. At D16 TLC turn LEFT to intercept PTJ F MAXUL, then continue via assigned route or in accordance with ATC instructions.
PASTEJE TWO DELTA	Climb on TLC R-328 to D12 TLC, turn LEFT to intercept PTJ R-124 to PTJ, then continue via assigned route or in accordance with ATC instructions.
TEQUESQUITENGO TWO BRAVO	Climb on TLC R-328 to D8 TLC (or 9800' in case of DME failure), turn LEFT within 11 NM to intercept TLC R-302 to TLC. Depart TLC to TEQ, then continue via assigned route or in accordance with ATC instructions.
TOLUCA SIX ECHO	Climb on TLC R-328 to D8 TLC (or 9800' in case of DME failure), turn LEFT within 11 NM to intercept TLC R-302 to TLC. Depart TLC to MCA A of the assigned route or in accordance with ATC instructions.
ZARCO FIVE ALFA	Climb on TLC R-328 to D8 TLC, turn LEFT onto the TLC 11 DME Arc to intercept TLC R-265 to ZARCO, then continue via assigned route or in accordance with ATC instructions.

CHANGES: Procedures renumbered, revised.

MMTO/TLC
LIC ADOLFO LOPEZ
MATEOS INTL

Apt Elev
8466'

Trans level: FL195 Trans alt: 18500'
1. RADAR required.
2. RNAV 1.

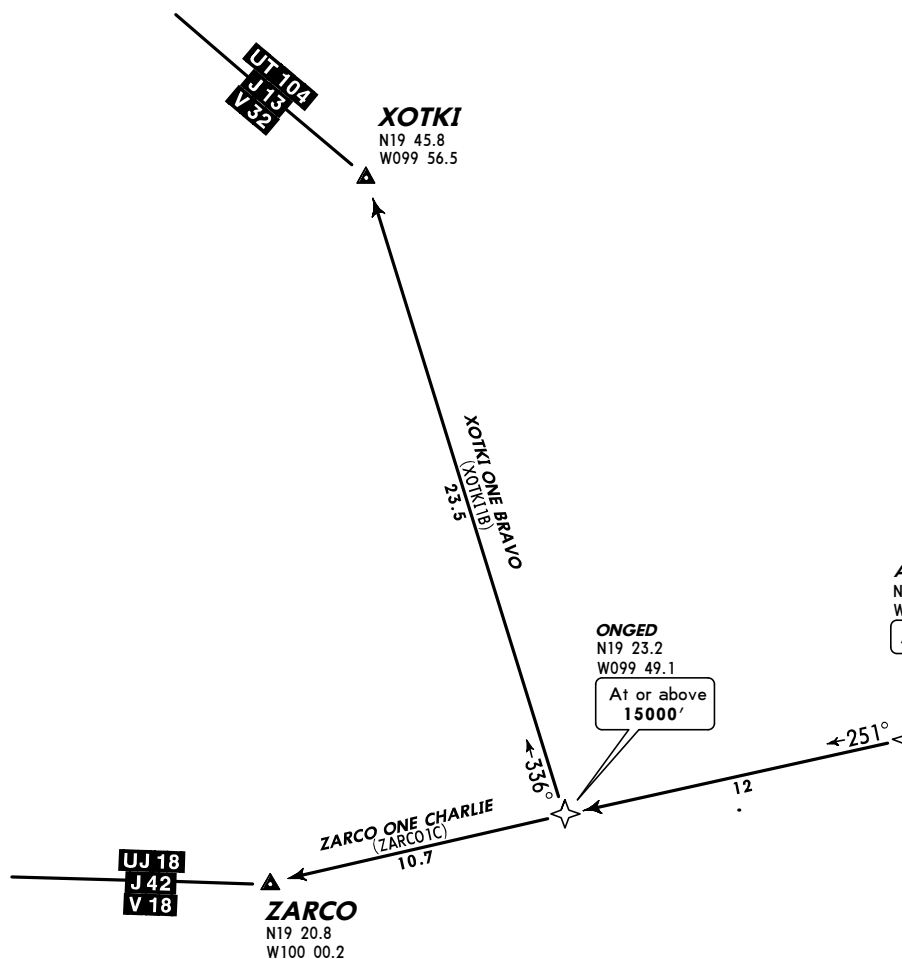
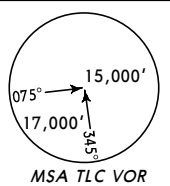


SID	INITIAL CLIMB
APAN ONE ECHO	Climb on track 150° to OTOMI, turn LEFT track 081° to AVSEK, track 081° to OMVES, turn LEFT and intercept APN R-224 and continue on assigned route or in accordance with ATC instructions.
CUAUTLA ONE DELTA	Climb on track 150° to OTOMI, turn LEFT track 117° to EBDIN and intercept CUA R-293 to CUA and continue on assigned route or in accordance with ATC instructions.
XOTKI ONE ALFA	Climb on track 150° to PIVAS, turn RIGHT to AMELA and proceed on track 300° to ONBET, turn RIGHT and track 336° to XOTKI and continue on assigned route or in accordance with ATC instructions.
ZARCO ONE BRAVO	Climb on track 150° to PIVAS, turn RIGHT to AMELA and proceed on track 300° to ONBET, turn LEFT and track 272° to ZARCO and continue on assigned route or in accordance with ATC instructions.

CHANGES: New procedures at this airport.

Apt Elev
8466'

Trans level: FL195 Trans alt: 18500'
1. RADAR required.
2. RNAV 1.



SID	INITIAL CLIMB
XOTKI ONE BRAVO	Climb on track 330° to AXAVU, turn LEFT track 251° to ONGED, turn RIGHT track 336° to XOTKI and continue on assigned route or in accordance with ATC instructions.
ZARCO ONE CHARLIE	Climb on track 330° to AXAVU, turn LEFT track 251° to ONGED, track 251° to ZARCO and continue on assigned route or in accordance with ATC instructions.

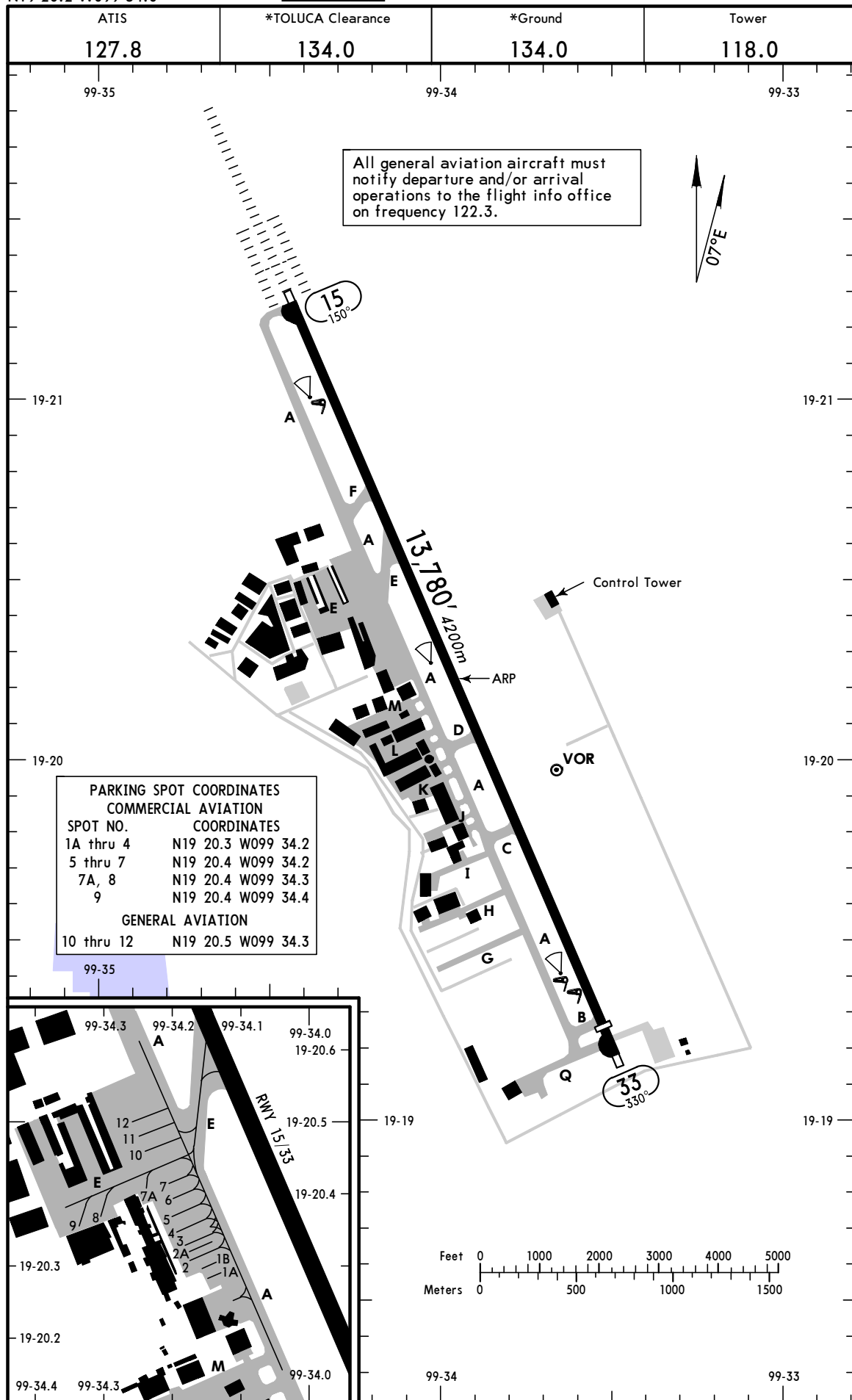
CHANGES: New procedures at this airport.

The
XO
30
Gr
30

MMTO/TLC
 Apt Elev **8466'**
 N19 20.2 W099 34.0

JEPPESEN
 23 JUL 10
 Eff 29 Jul (10-9)

TOLUCA, MEXICO
 LIC ADOLFO LOPEZ MATEOS INTL



CHANGES: None.

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MMTO/TLC



TOLUCA, MEXICO
 LIC ADOLFO LOPEZ MATEOS INTL

GENERAL

CAUTION: Birds in vicinity of airport.
 Turbojet aircraft use minimum power to avoid damage to buildings.

ADDITIONAL RUNWAY INFORMATION

RWY							USABLE LENGTHS		TAKE-OFF	WIDTH
							— LANDING	BEYOND		
15	HIRL	CL	ALSF II	TDZ	PAPI-L (angle 3.0°)	RVR	Threshold	12,729' 3880m	13,255' 4040m	148'
33	HIRL	CL	PAPI-L (angle 3.0°)		RVR		13,255' 4040m			45m

TAKE-OFF

All Rwys					
SCHEDULED AIR CARRIER ONLY					Other
1	HIRL & CL	1	HIRL or CL or RCLM	If there are differences between the values reported by ATS and the quantity of lights observed by the pilot, the count of 7 lights by the pilot will be valid for CAT I or 14 lights for CAT II/IIIA. If the aircraft on take-off does not have the approval from the DGAC for ILS CAT II/IIIA, then an alternate airport is required.	
2 Eng	TDZ RVR 7				1 & 2 Eng 500-1
3 & 4 Eng	Mid RVR 7				3 & 4 Eng 500-1/2
	Rollout RVR 7		RVR 14	2 1/4	

1 For take-offs with RVR values of 700' (213m) or higher, it is at least required that the sensors on TDZ be operational and on MID point. In case the TDZ is missing, the MID and Rollout points will be required.

2 Air Operators should count on the approval of the DGAC to conduct take-off operations with Rwy visibilities of 1/8SM and up to 1/4SM.

DEPARTURE PROCEDURE

For departure procedure and MCAs see SIDs.

FOR FILING AS ALTERNATE

ILS DME 1 Rwy 15 ILS DME 2 Rwy 15		LOC DME 1 Rwy 15 LOC DME 2 Rwy 15 ILS DME Rwy 15 CAT II & IIIA VOR DME 1 Rwy 15 VOR DME 2 Rwy 15	VOR DME 1 Rwy 33 VOR DME 2 Rwy 33 VOR-A
A B C D		600-2	1300-3

CHANGES: Take-off minimums.

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MMTO/TLC

LIC ADOLFO LOPEZ MATEOS INTL

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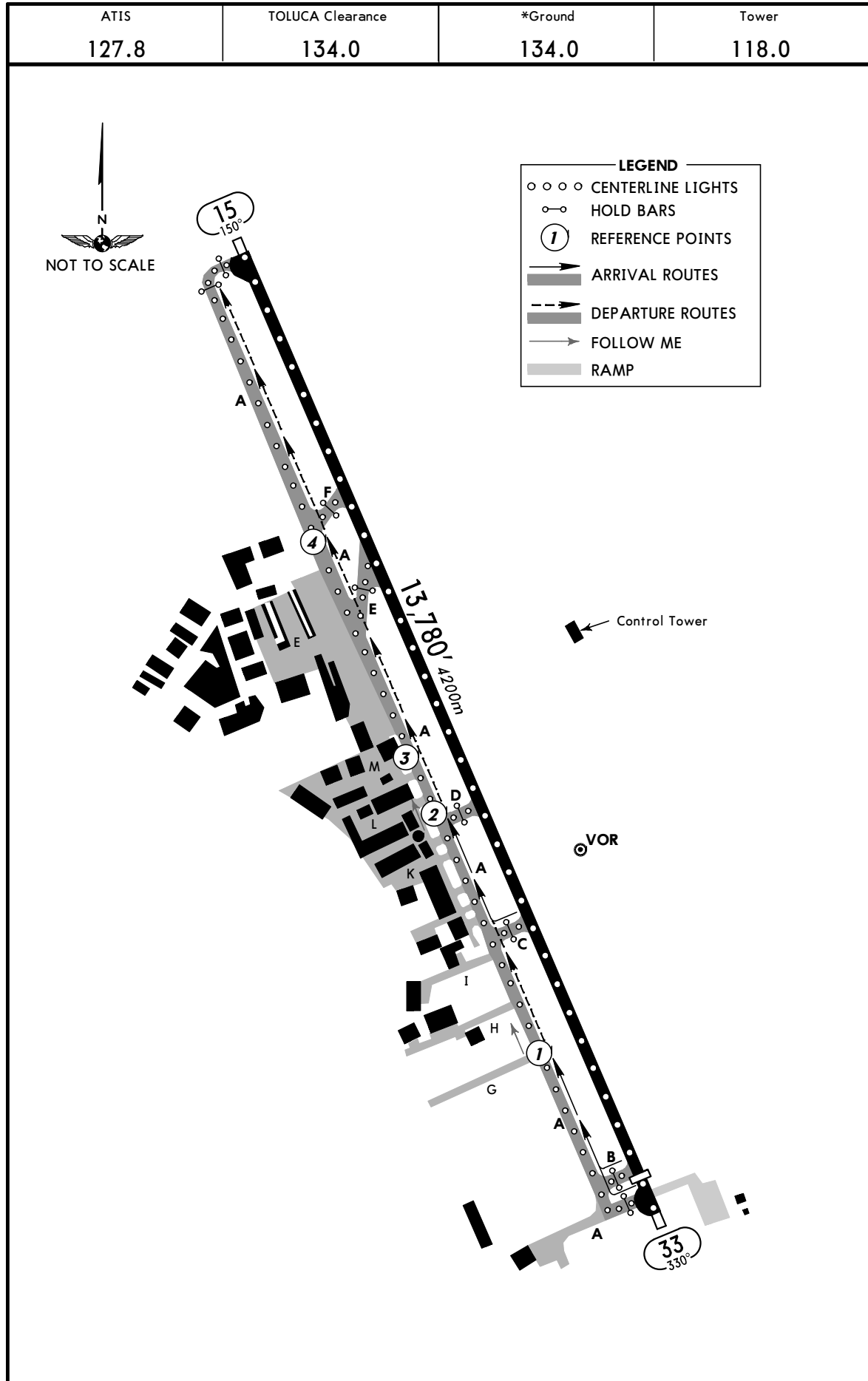
16 NOV 07 (10-9B)

SMGCS

TOLUCA, MEXICO

RVR 1200 to 600

LOW VISIBILITY TAXI ROUTES



MMTO/TLC

7 JAN 11
 Eff 13 Jan

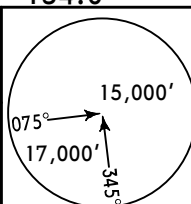
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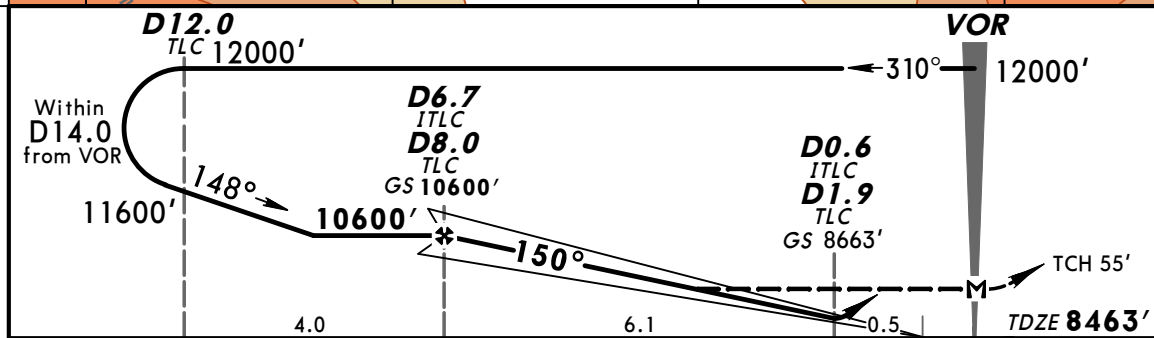
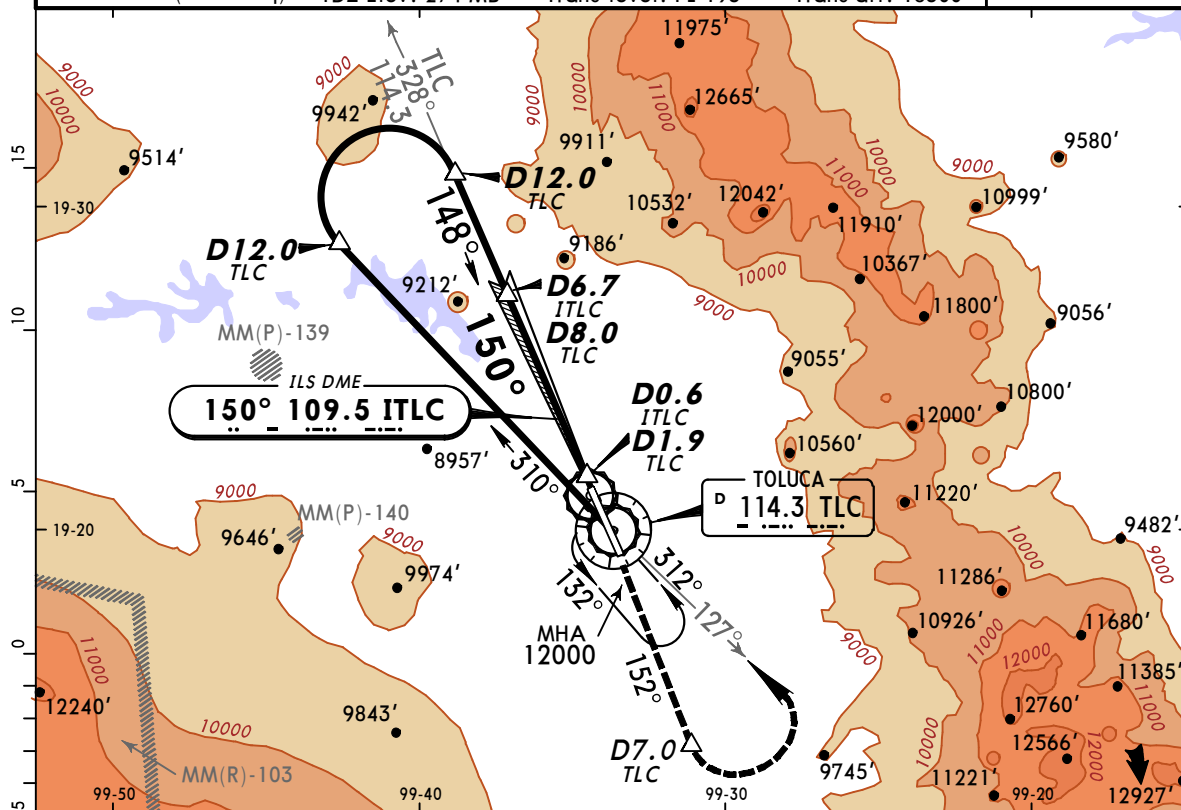
TOLUCA, MEXICO

LIC ADOLFO LOPEZ MATEOS INTL

(11-1) ILS DME 1 or LOC Rwy 15

BRIEFING STRIP™

ATIS 127.8		TOLUCA Approach 128.9		TOLUCA Tower 118.0		*Ground 134.0	
LOC ITLC 109.5	Final Appch Crs 150°	GS D6.7 ITLC D8.0 TLC 10600' (2137')	ILS DA(H) (CONDITIONAL) 8663' (200')	Apt Elev 8466' TDZE 8463'			
MISSED APCH: Climb on Rwy heading and proceed on TLC VOR R-152 to D7.0 TLC, turn LEFT within 10 NM inbound to TLC VOR on TLC VOR R-127 to the minimum holding altitude.							
Alt Set: MB (IN on req)		TDZ Elev: 274 MB	Trans level: FL 195	Trans alt: 18500'			
MSA TLC VOR							



Gnd speed-Kts	70	90	100	120	140	160	ALSF-II	PAPI	Rwy	TLC	D7.0
GS	3.00°	377	484	538	646	753	861		on	114.3	R-152
MAP at VOR									hdg		TLC

STRAIGHT-IN LANDING RWY 15				CIRCLE-TO-LAND	
ILS		LOC (GS out)			
DA(H) 8663' (200')		MDA(H) 8860' (397')			
FULL	ALS out	ALS out	ALS out	Max Kts	MDA(H)
A				90	9000' (534')-1
B				120	
C	RVR 24 or 1/2	RVR 40 or 3/4	RVR 40 or 3/4	140	9000' (534')-1 1/2
D				165	9020' (554')-2
ALL Non Skd	DA(H) 8713' (250')	RVR 40 or 3/4	RVR 50 or 1		

CHANGES: Procedure bearings.

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MMTO/TLC

7 JAN 11
 Eff 13 Jan

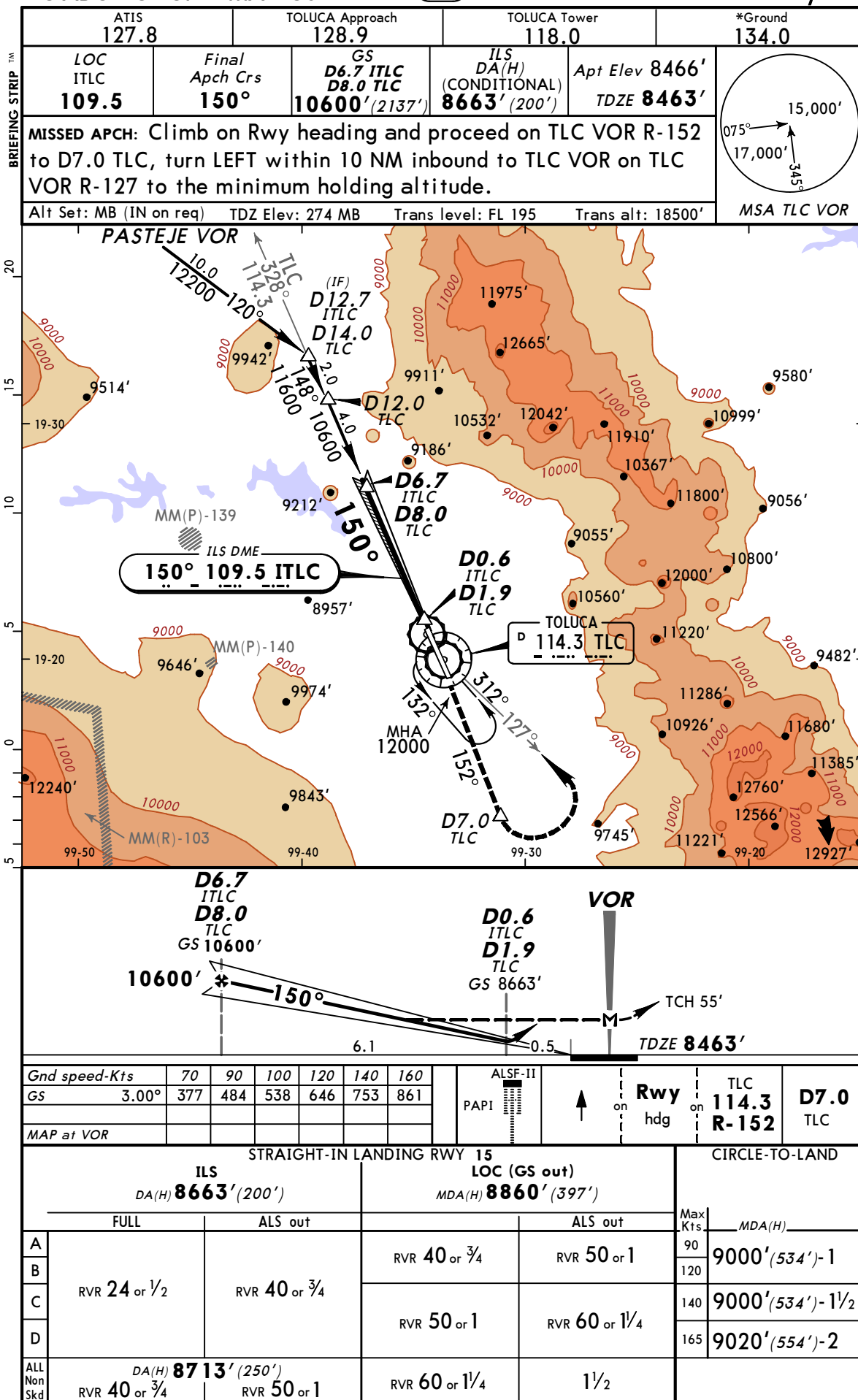
JEPPesen

TOLUCA, MEXICO

LIC ADOLFO LOPEZ MATEOS INTL

(11-2)

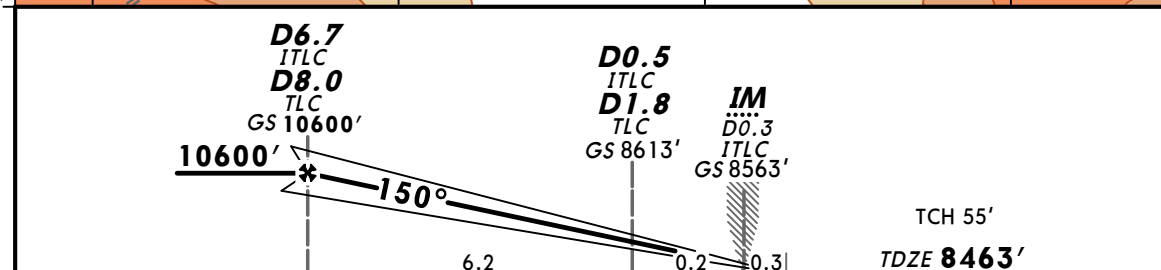
ILS DME 2 or LOC Rwy 15



CHANGES: Procedure bearings.

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TOLUCA, MEXICO
ILS DMÉ Rwy 15
CAT II & IIIA



Gnd speed-Kts	70	90	100	120	140	160	<div><div>ALSIF-II</div><div></div></div>	<div><div>PAPI</div><div></div></div>	<div><div>↑</div><div>on</div><div>Rwy</div><div>hdg</div><div>on</div><div>TLC</div><div>114.3</div><div>R-152</div><div>D7.0</div><div>TLC</div></div>	
Gs	3.00°	377	484	538	646	753				861

STRAIGHT-IN LANDING RWY 15		
CAT IIIA ILS	I CAT II ILS RA 100' <i>DA(H) 8563' (100')</i>	RA 150' <i>DA(H) 8613' (150')</i>
RVR 7	RVR 12	RVR 16

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MMTO/TLC

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TOLUCA, MEXICO

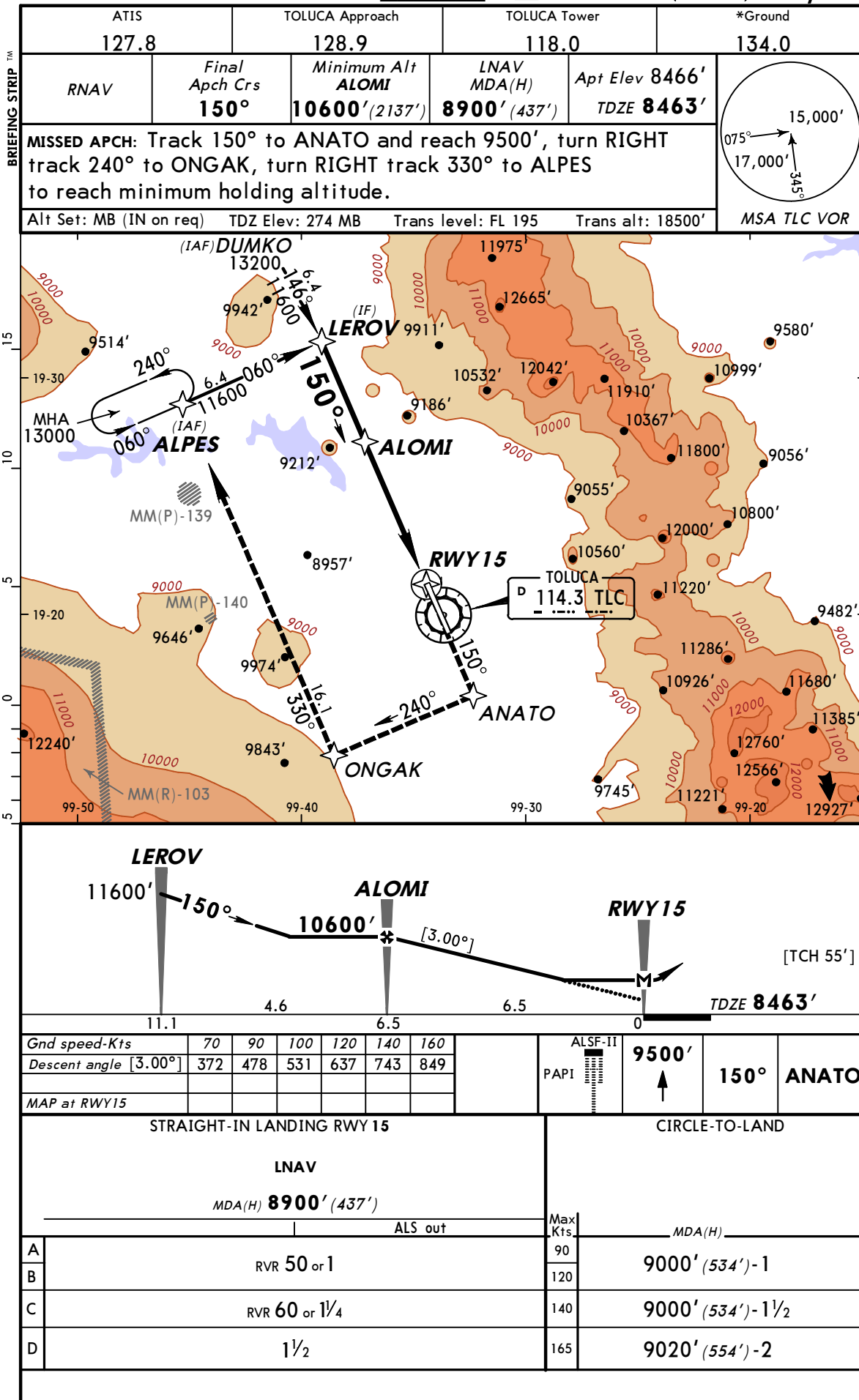
LIC ADOLFO LOPEZ MATEOS INTL

4 FEB 11

Eff 10 Feb

(12-1)

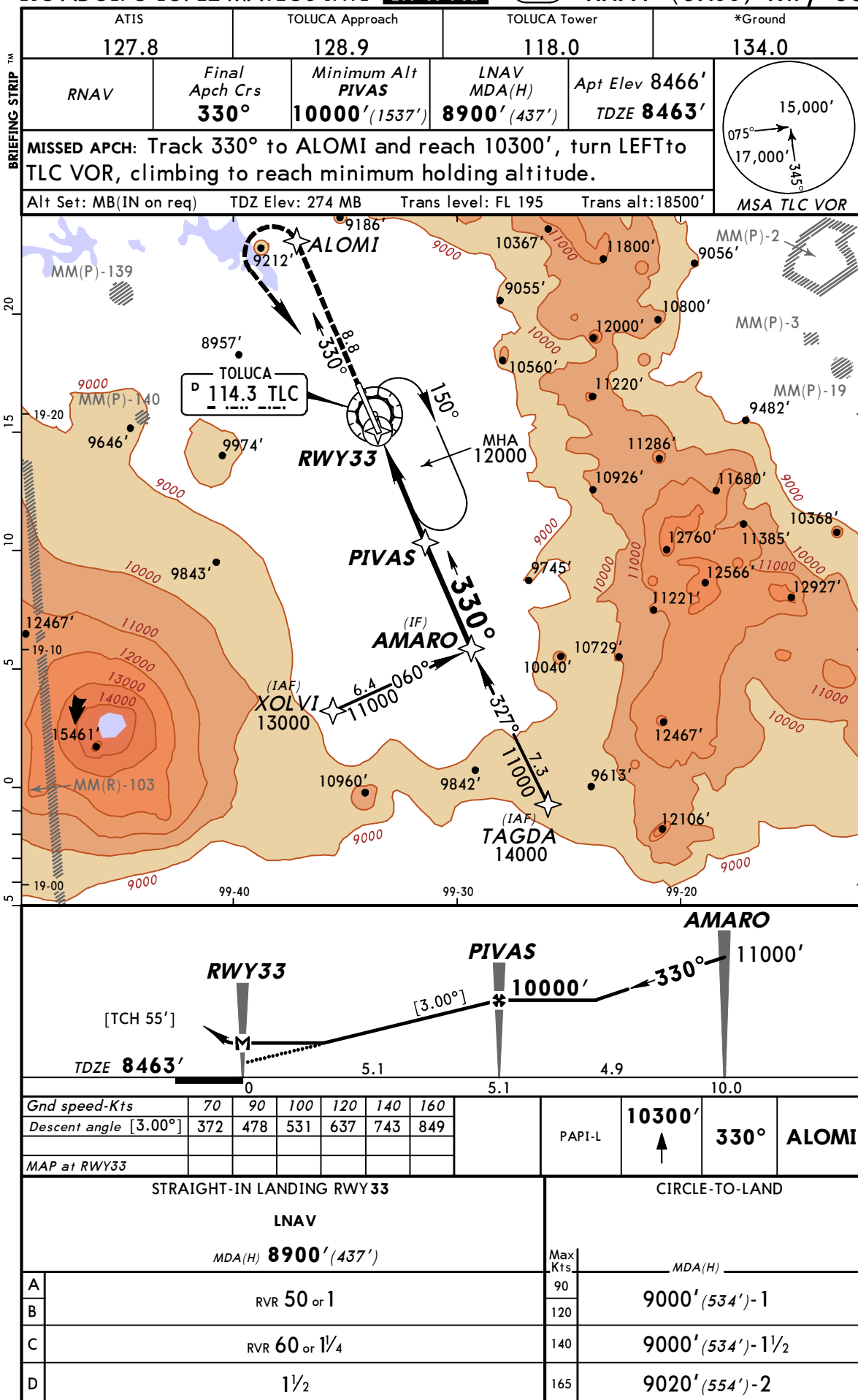
RNAV (GNSS) Rwy 15



CHANGES: New procedure, altitudes.

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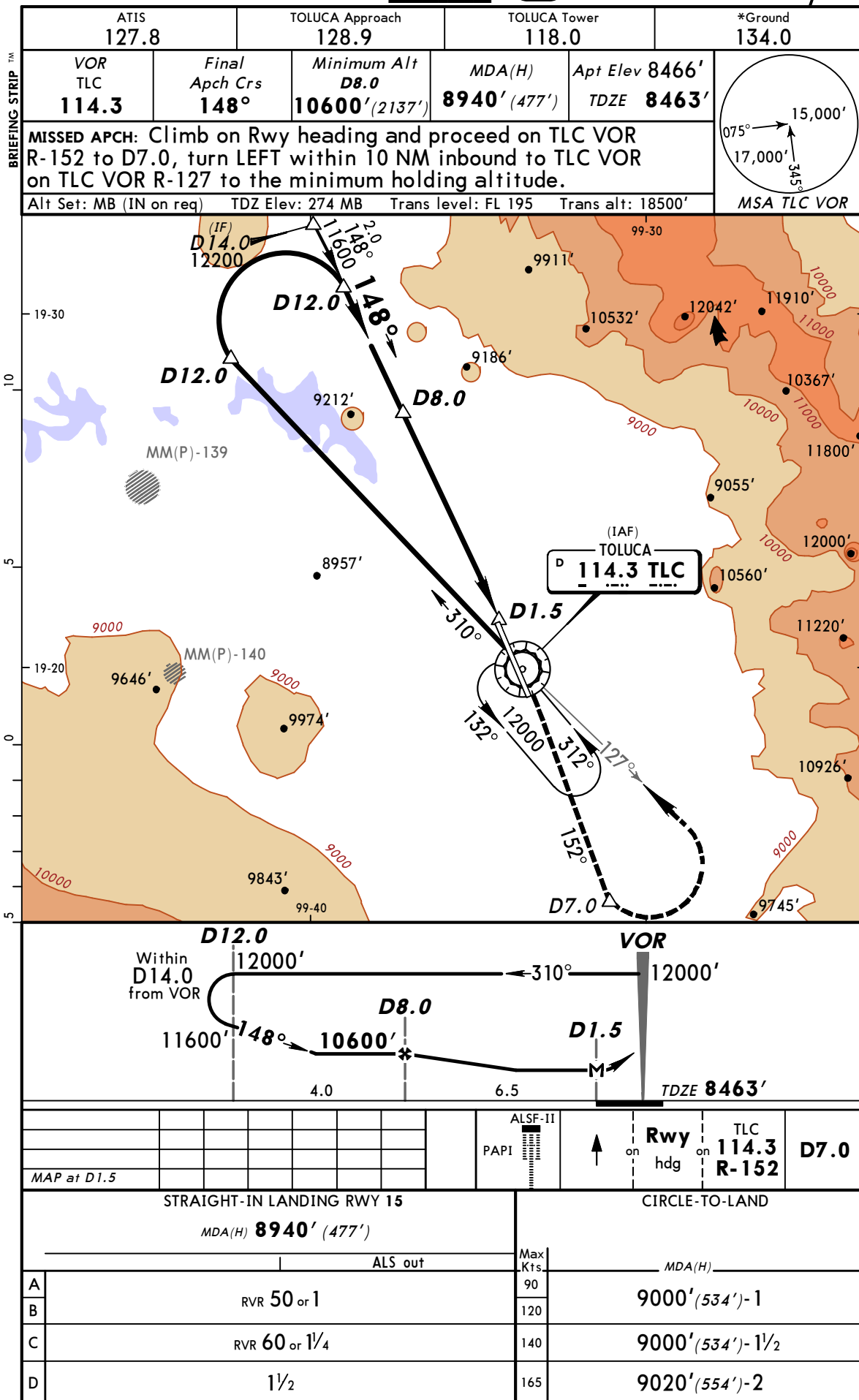
MMTO/TLC **JEPPESEN** **TOLUCA, MEXICO**
LIC ADOLFO LOPEZ MATEOS INTL **4 FEB 11** **(12-2)** **RNAV (GNSS) Rwy 33**
Eff 10 Feb



CHANGES: New procedure, altitudes.

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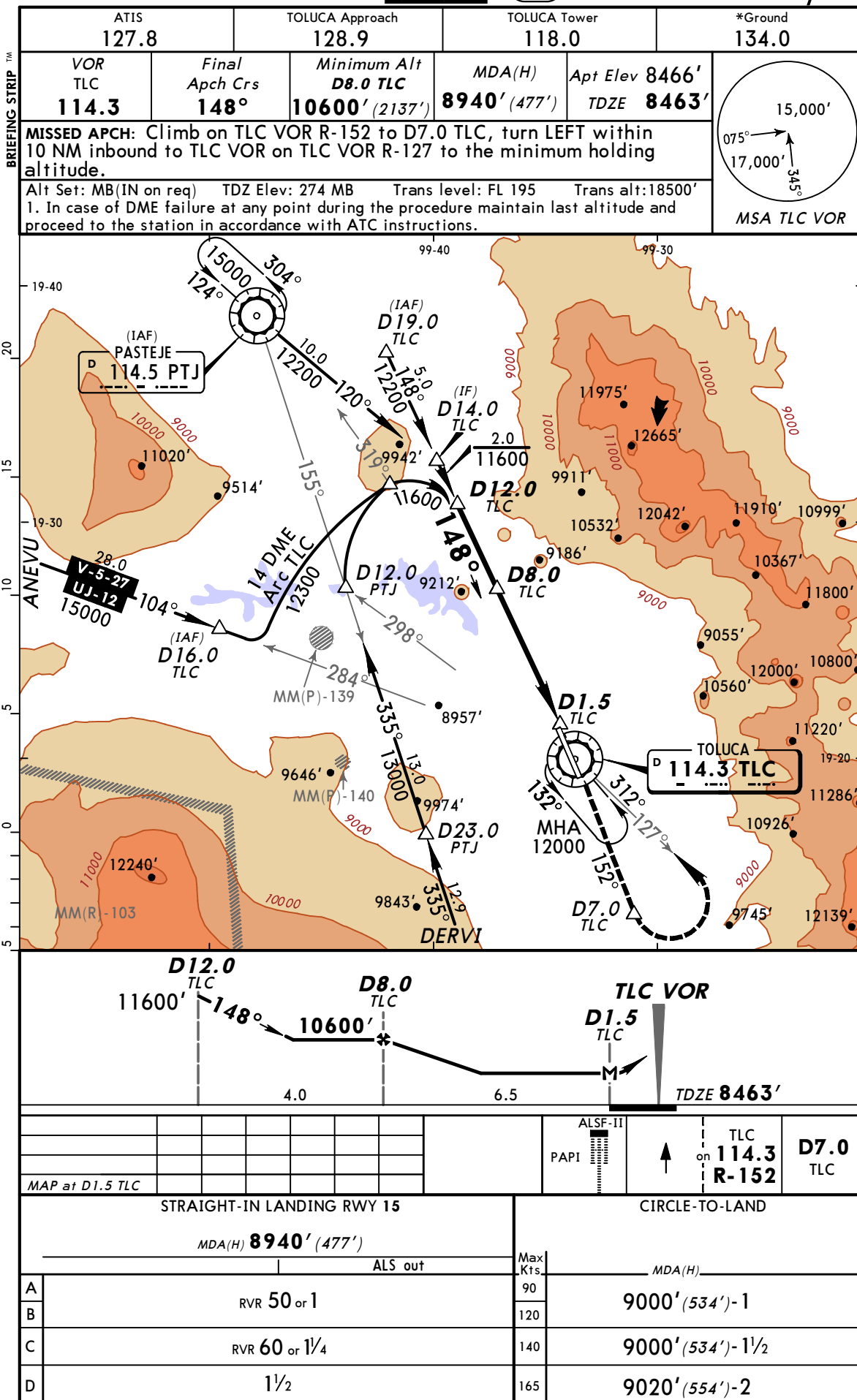
MMTO/TLC **7 JAN 11** **13-1** **TOLUCA, MEXICO**
LIC ADOLFO LOPEZ MATEOS INTL **Eff 13 Jan** **VOR DME 1 Rwy 15**



CHANGES: Final Approach Crs.

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MMTO/TLC **JEPPESEN** **TOLUCA, MEXICO**
LIC ADOLFO LOPEZ MATEOS INTL **7 JAN 11** **(13-2)** **VOR DME 2 Rwy 15**
Eff 13 Jan



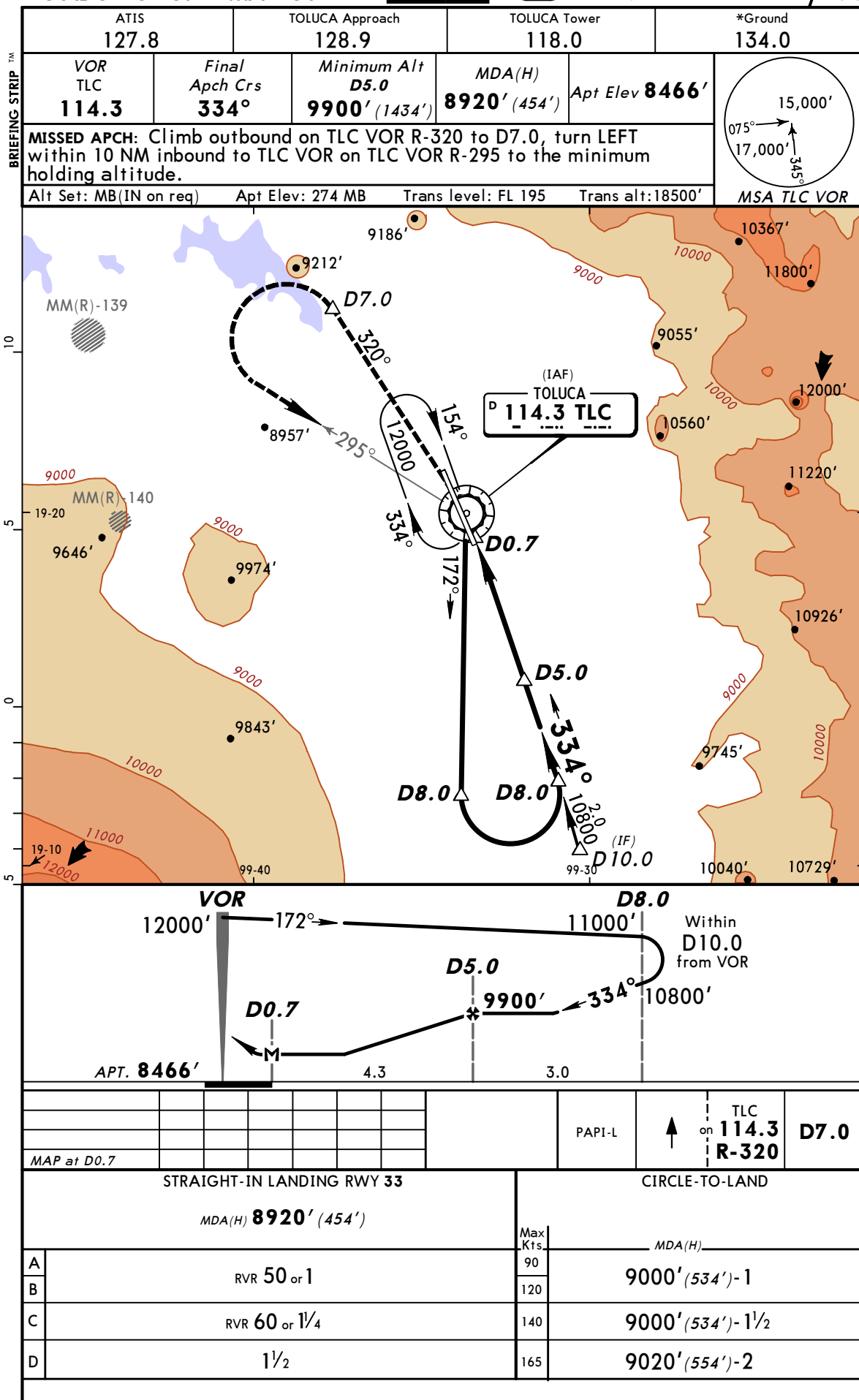
CHANGES: FAC, transition added.

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MMTO/TLC
LIC ADOLFO LOPEZ MATEOS INTL

JEPPesen
 7 JAN 11
 Eff 13 Jan (13-3)

TOLUCA, MEXICO
VOR DME 1 Rwy 33



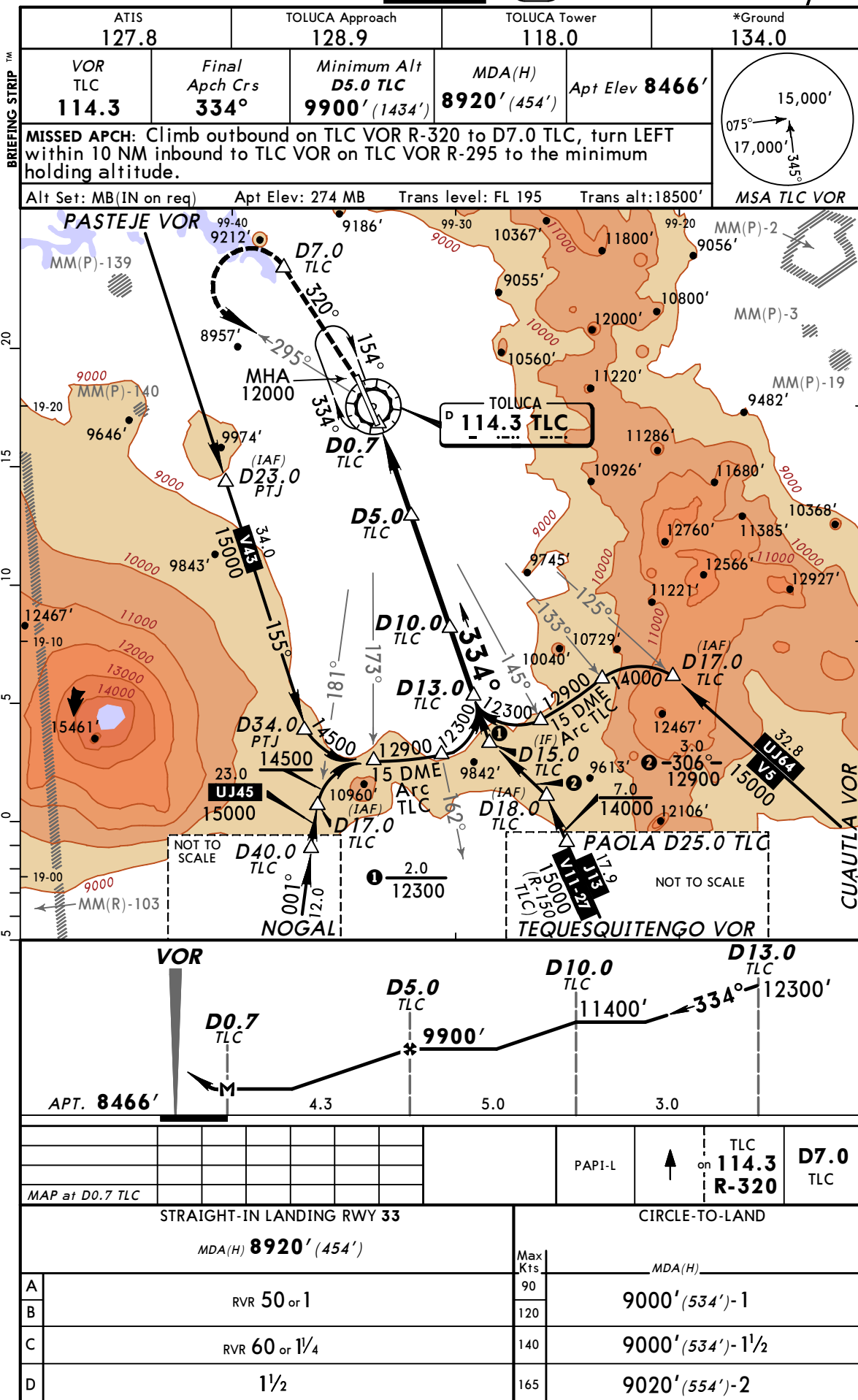
MMTO/TLC

LIC ADOLFO LOPEZ MATEOS INTL

JEPPESEN
7 JAN 11
Eff 13 Jan

13-4

TOLUCA, MEXICO
VOR DME 2 Rwy 33



MMTO/TLC
LIC ADOLFO LOPEZ MATEOS INTL

JEPPesen

16 NOV 07 **(13-5)**

TOLUCA, MEXICO
VOR-A

BRIEFING STRIP™

ATIS 127.8		*TOLUCA Approach 128.9		TOLUCA Tower 118.0		*Ground 134.0															
VOR TLC 114.3	Final Apch Crs 115°	No FAF		MDA(H) Refer to Minimums	Apt Elev 8466'																
<div>MISSED APCH: Climb outbound on TLC VOR R-152, turn LEFT within 10 NM inbound to TLC VOR on TLC VOR R-127 to the minimum holding altitude.</div> <div>MISSED APCH: Max outbound leg 7NM.</div> <table><tr><td>Gnd speed-Kts</td><td>70</td><td>90</td><td>100</td><td>120</td><td>140</td><td>160</td></tr><tr><td>MAP to 7.0 NM from VOR</td><td>6:00</td><td>4:40</td><td>4:12</td><td>3:30</td><td>3:00</td><td>2:38</td></tr></table>								Gnd speed-Kts	70	90	100	120	140	160	MAP to 7.0 NM from VOR	6:00	4:40	4:12	3:30	3:00	2:38
Gnd speed-Kts	70	90	100	120	140	160															
MAP to 7.0 NM from VOR	6:00	4:40	4:12	3:30	3:00	2:38															
Alt Set: MB(IN on req)		Apt Elev: 274 MB		Trans level: FL 195		Trans alt: 18500'															

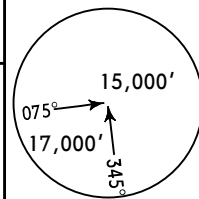
15,000'

075°

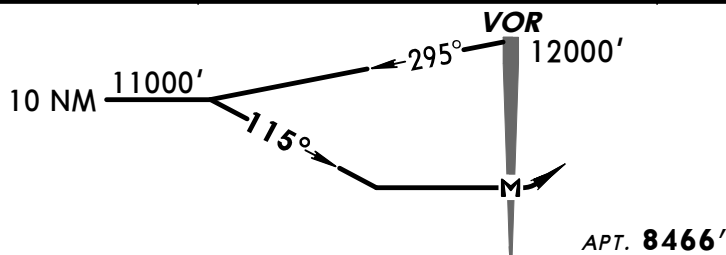
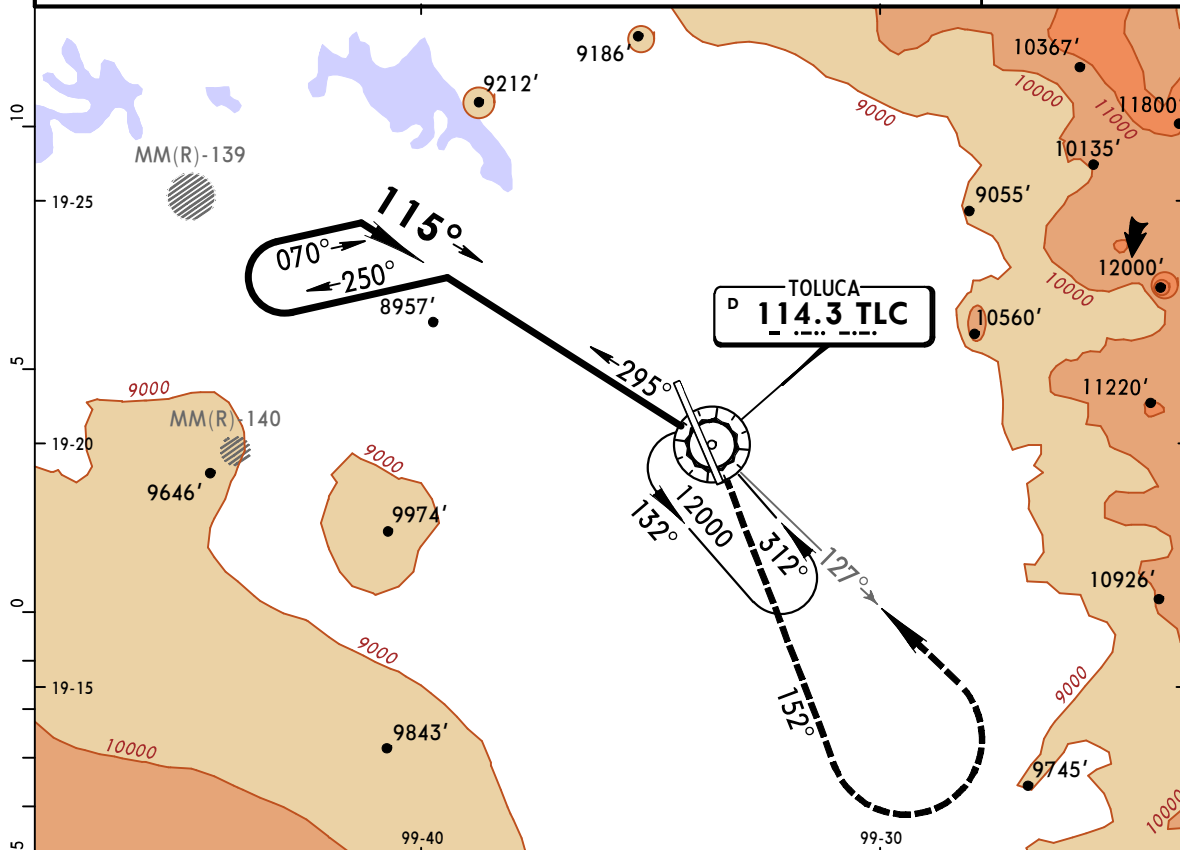
17,000'

345°

MSA TLC VOR



MSA TLC VOR



MAP at VOR						Lighting - Refer to Airport Chart	TLC on 114.3 R-152
						CIRCLE-TO-LAND	
						Max Kts	MDA(H)
						A 90	9500' (1034') - 1 1/4
						B 120	9500' (1034') - 1 1/2
						C 140	9500' (1034') - 3
						D 165	