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MMAN/NTR DEL NORTE INTL — MONTERREY, MEXICO

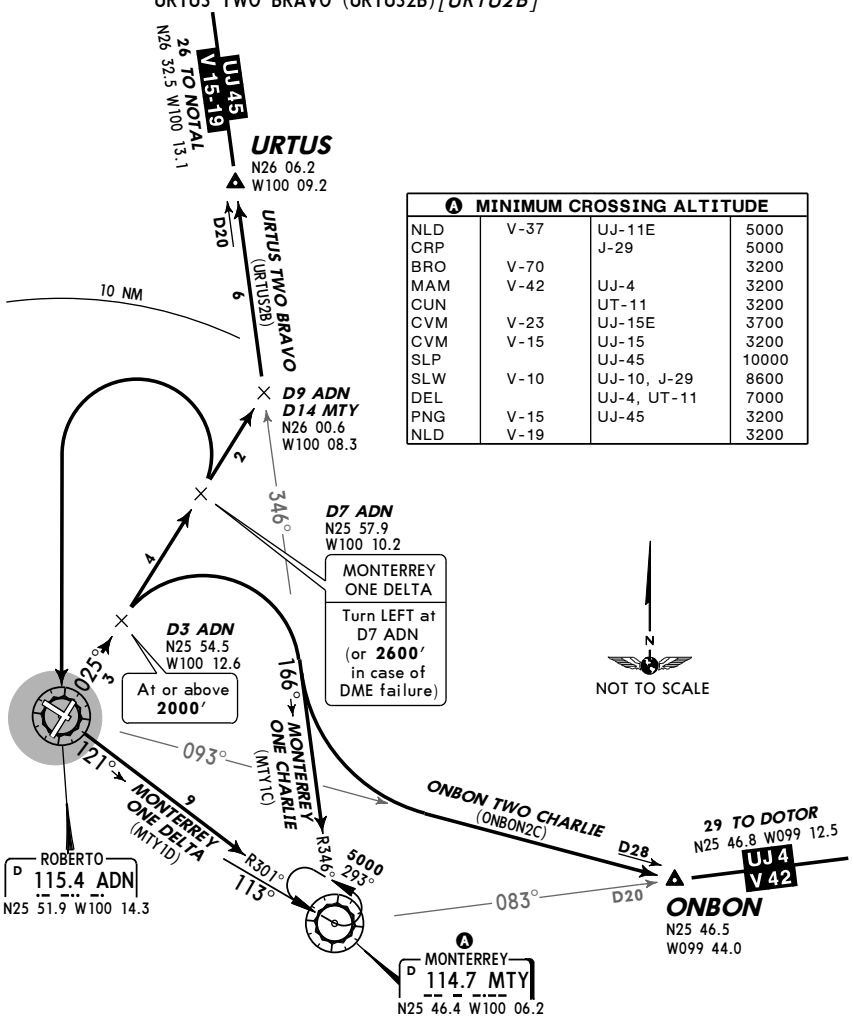
JEPPESEN 4 FEB 11 (20-3) Eff 10 Feb — SID

MONTERREY Departure (R) 119.75	Apt Elev 1476′	Trans level: FL 195 Trans alt: 18500′

MSA ADN VOR: 180°, 10,800′, 7000′, 090°, 270°, 12,500′, 11,500′, 360°

DEPARTURES RWY 02

MONTERREY ONE CHARLIE (MTY1C)*[MTY1C]*,
MONTERREY ONE DELTA (MTY1D)*[MTY1D]*,
ONBON TWO CHARLIE (ONBON2C)*[ONBO2C]*,
URTUS TWO BRAVO (URTUS2B)*[URTU2B]*



Ⓐ MINIMUM CROSSING ALTITUDE			
NLD	V-37	UJ-11E	5000
CRP		J-29	5000
BRO	V-70		3200
MAM	V-42	UJ-4	3200
CUN		UT-11	3200
CVM	V-23	UJ-15E	3700
CVM	V-15	UJ-15	3200
SLP		UJ-45	10000
SLW	V-10	UJ-10, J-29	8600
DEL		UJ-4, UT-11	7000
PNG	V-15	UJ-45	3200
NLD	V-19		3200

SID	INITIAL CLIMB
MONTERREY ONE CHARLIE	Climb on ADN R-025 to D3 ADN, turn RIGHT and intercept MTY R-346 to MTY. Depart MTY at the MCA Ⓐ for the assigned route or in accordance with ATC instructions.
MONTERREY ONE DELTA	Climb on ADN R-025 to D7 ADN (or **2600′** in case of DME failure), then turn LEFT within 10 NM to ADN and intercept MTY R-301 to MTY. Depart MTY at the MCA Ⓐ for the assigned route or in accordance with ATC instructions.
ONBON TWO CHARLIE	Climb on ADN R-025 to D3 ADN, then turn RIGHT and intercept ADN R-093 to ONBON, then continue on assigned route or in accordance with ATC instructions.
URTUS TWO BRAVO	Climb on ADN R-025 to D9 ADN, then turn LEFT and intercept MTY R-346 to URTUS, then continue on assigned route or in accordance with ATC instructions.

CHANGES: Procedures added, renumbered, revised.

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MMAN/NTR DEL NORTE INTL — MONTERREY, MEXICO

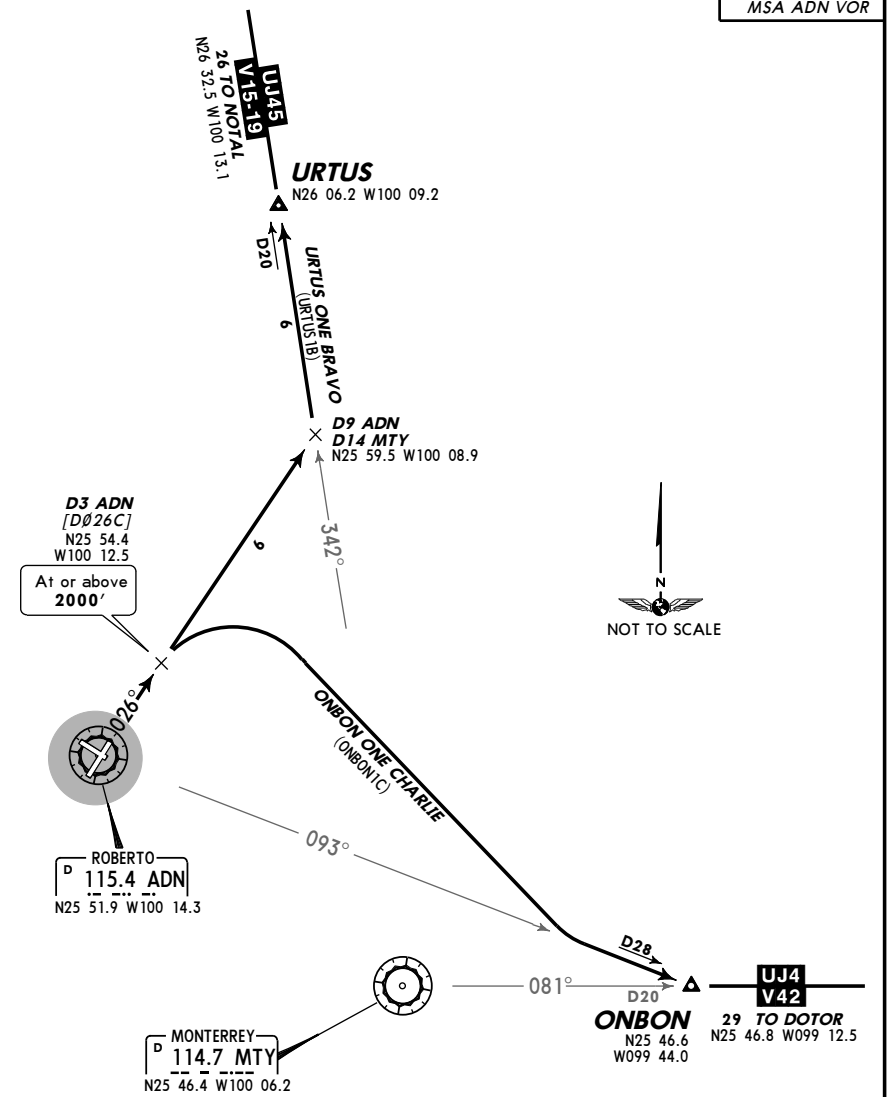
JEPPESEN 27 JUN 08 (20-3) Eff 3 Jul — SID

Apt Elev 1476′	Trans level: FL 195 Trans alt: 18500′

MSA ADN VOR: 180°, 10,800′, 7000′, 090°, 270°, 12,500′, 11,500′, 360°

DEPARTURES RWY 02

ONBON ONE CHARLIE (ONBON1C),
URTUS ONE BRAVO (URTUS1B)



SID	INITIAL CLIMB
ONBON ONE CHARLIE	Climb on ADN R-026 to D3 ADN, then turn RIGHT and intercept ADN R-093 to ONBON.
URTUS ONE BRAVO	Climb on ADN R-026 to D9 ADN, then turn LEFT and intercept MTY R-342 to URTUS.

ROUTING

Then continue on assigned route or in accordance with ATC instructions.

CHANGES: Procedure reindexed.

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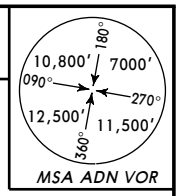
MMAN/NTR
DEL NORTE INTL

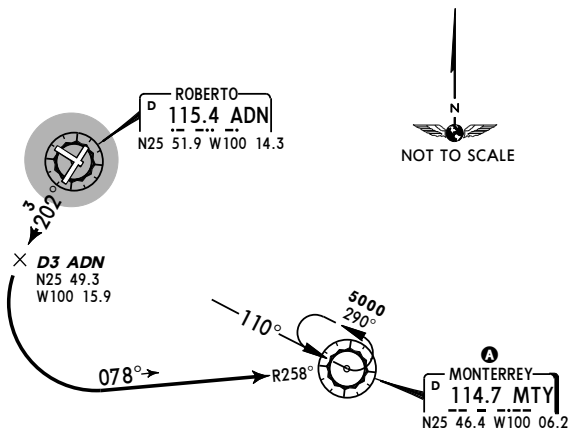
JEPPESEN 4 FEB 11 (20-3A) Eff 10 Feb

MONTERREY, MEXICO
SID

MONTERREY Departure (R)	Apt Elev	
119.75	1476′	Trans level: FL 195 Trans alt: 18500′



DEPARTURE RWY 20
MONTERREY ONE ECHO (MTY1E)



A MINIMUM CROSSING ALTITUDE			
NLD	V-37	UJ-11E	5000
CRP		J-29	5000
BRO	V-70		3200
MAM	V-42	UJ-4	3200
CUN		UT-11	3200
CVM	V-23	UJ-15E	3700
CVM	V-15	UJ-15	3200
SLP		UJ-45	10000
SLW	V-10	UJ-10, J-29	8600
DEL		UJ-4, UT-11	7000
PNG	V-15	UJ-45	3200
NLD	V-19		3200

This SID requires a minimum climb gradient of 470′ per NM to **4000′.**

Gnd speed-KT	75	100	150	200	250	300
470′ per NM	588	783	1175	1567	1958	2350

INITIAL CLIMB

Climb on ADN R-202 to D3 ADN, then turn LEFT and proceed on MTY R-258 to MTY. Depart MTY at the MCA A for the assigned route or in accordance with ATC instructions.

CHANGES: New procedure at this airport (ROBERTO 2A & 3B SIDs cancelled).

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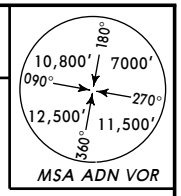
MMAN/NTR
DEL NORTE INTL

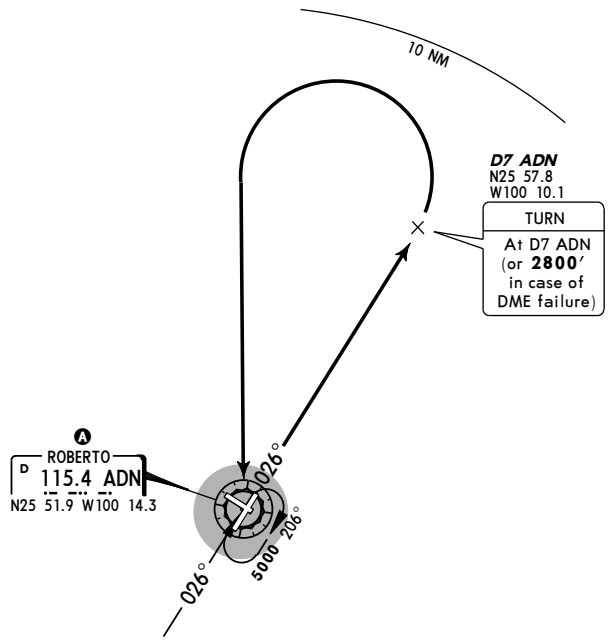
JEPPESEN 27 JUN 08 (20-3A) Eff 3 Jul

MONTERREY, MEXICO
SID

Apt Elev	
1476′	Trans level: FL 195 Trans alt: 18500′



DEPARTURE RWY 02
ROBERTO TWO ALFA (ADN2A)



A MINIMUM CROSSING ALTITUDE			
NLD	V-37	UJ-11E	5000
CRP		J-29	5000
BRO	V-70		3200
MAM	V-42	UJ-4	3200
CUN		UT-11	3200
CVM	V-23	UJ-15E	3700
CVM	V-15	UJ-15	3200
SLP		UJ-45	10000
SLW	V-10	UJ-10, J-29	8600
DEL		UJ-4, UT-11	7000
PNG	V-15	UJ-45	3200
NLD	V-19		3200

INITIAL CLIMB

Climb on ADN R-026 to D7 ADN (to **2800′** in case of DME failure), then tear drop turn LEFT within 10 NM to cross ADN at the published MCA A for the assigned route or in accordance with ATC instructions.

CHANGES: Procedure reindexed.

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MMAN/NTR
DEL NORTE INTL

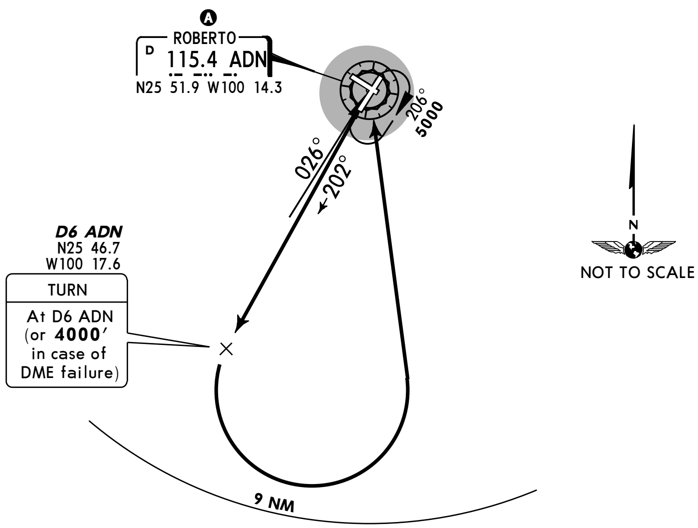
JEPPESEN 27 JUN 08 (20-3B) Eff 3 Jul

MONTERREY, MEXICO
SID

Apt Elev 1476′	Trans level: FL 195 Trans alt: 18500′

DEPARTURE RWY 20

ROBERTO THREE BRAVO (ADN3B)



Ⓐ MINIMUM CROSSING ALTITUDE			
NLD	V-37	UJ-11E	5000
CRP		J-29	5000
BRO	V-70		3200
MAM	V-42	UJ-4	3200
CUN		UT-11	3200
CVM	V-23	UJ-15E	3700
CVM	V-15	UJ-15	3200
SLP		UJ-45	10000
SLW	V-10	UJ-10, J-29	8600
DEL		UJ-4, UT-11	7000
PNG	V-15	UJ-45	3200
NLD	V-19		3200

This SID requires a minimum climb gradient of 470′ per NM until reaching **4000′**.

Gnd speed-KT	75	100	150	200	250	300
470′ per NM	588	783	1175	1567	1958	2350

INITIAL CLIMB

Climb on ADN R-202 to D6 ADN (to **4000′** in case of DME failure), then tear drop turn LEFT within 9 NM to cross ADN at the published MCA Ⓐ for the assigned route or in accordance with ATC instructions.

CHANGES: Procedure reindexed.

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MMAN/NTR
DEL NORTE INTL

JEPPESEN 28 MAY 10 Eff 3 Jun (21-1)

MONTERREY, MEXICO
ILS DME 1 or LOC Rwy 20

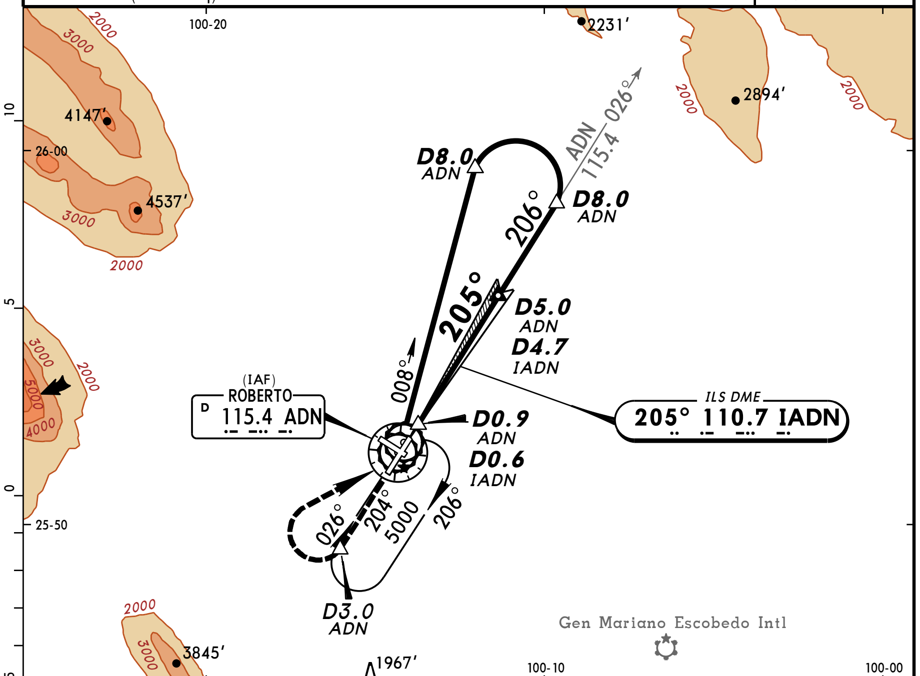
*ATIS	MONTERREY Approach (R)		*DEL NORTE Tower
127.55	120.4	119.75	118.6

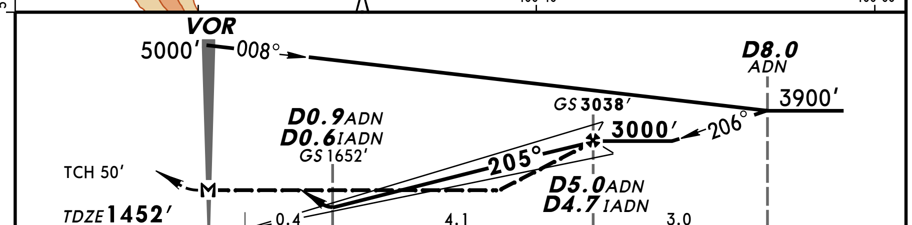
BRIEFING STRIP ™

LOC IADN	Final Apch Crs	GS D5.0 ADN D4.7 IADN	ILS DA(H)	Apt Elev 1476′ TDZE 1452′
110.7	205°	3038′ (1586′)	1652′ (200′)	

MISSED APCH: Climb on ADN VOR R-204 to D3.0 ADN, turn RIGHT within 5 NM to ADN VOR, continue on ADN VOR R-008 to D8.0 ADN, turn RIGHT within 10 NM to ADN VOR to the minimum holding altitude.

Alt Set: MB (IN on req) TDZ Elev: 52 MB Trans level: FL 195 Trans alt: 18500′





Gnd speed-Kts	70	90	100	120	140	160
GS 3.20°	401	516	574	688	803	918
MAP at VOR						

PAPI-L

ADN on 115.4 R-204 — D3.0 ADN

STRAIGHT-IN LANDING RWY 20

	ILS DA(H) 1652′ (200′)	LOC (GS out) MDA(H) 1980′ (528′)
A	3/4	1
B	3/4	1
C	3/4	1½
D	3/4	1½
ALL Non Skd	DA(H) 1702′ (250′) - 1	1¾

CIRCLE-TO-LAND

Max Kts	MDA(H)
90	2040′ (564′) - 1
120	2040′ (564′) - 1
140	2040′ (564′) - 1½
165	2040′ (564′) - 2

CHANGES: Procedure.

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MMAN/NTR
DEL NORTE INTL

JEPPESEN 4 FEB 11 Eff 10 Feb (21-1)

MONTERREY, MEXICO
ILS DME 1 or LOC Rwy 20

*ATIS	MONTERREY Approach (R)		*DEL NORTE Tower
127.55	119.75	120.4	118.6

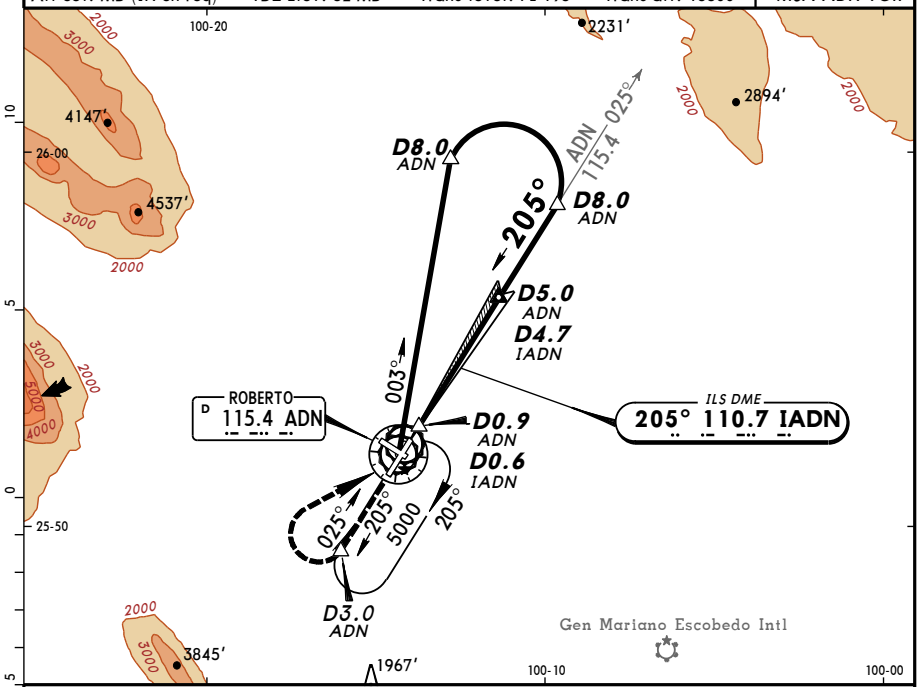
BRIEFING STRIP ™

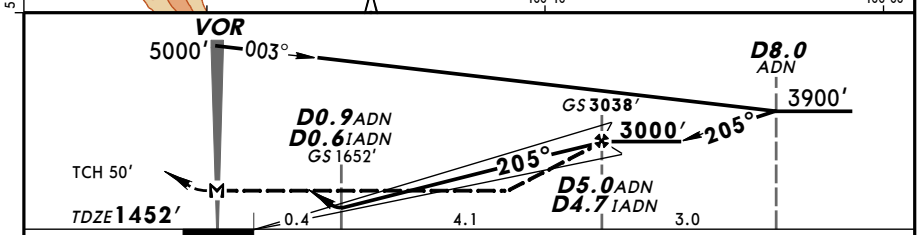
LOC IADN	Final Apch Crs	GS D5.0 ADN D4.7 IADN	ILS DA(H)	Apt Elev 1476′
110.7	205°	3038′ (1586′)	1652′ (200′)	TDZE 1452′

MISSED APCH: Climb on ADN VOR R-205 to D3.0 ADN, turn RIGHT within 5 NM to ADN VOR, continue on ADN VOR R-003 to D8.0 ADN, turn RIGHT within 10 NM to ADN VOR to the minimum holding altitude.

Alt Set: MB (IN on req) TDZ Elev: 52 MB Trans level: FL 195 Trans alt: 18500′

MSA ADN VOR: 180°, 10,800′, 7000′, 090°, 270°, 12,500′, 11,500′, 360°





Gnd speed-Kts	70	90	100	120	140	160
GS 3.20°	401	516	574	688	803	918
MAP at VOR						

PAPI-L ↑ on ADN 115.4 R-205 D3.0 ADN

STRAIGHT-IN LANDING RWY20

	ILS DA(H) 1652′ (200′)	LOC (GS out) MDA(H) 1980′ (528′)
A	3/4	1
B		
C		1½
D		
ALL Non Skd	DA(H) 1702′ (250′) -1	1¾

CIRCLE-TO-LAND

Max Kts	MDA(H)
90	2040′ (564′) -1
120	
140	2040′ (564′) -1½
165	2040′ (564′) -2

CHANGES: Procedure bearings.

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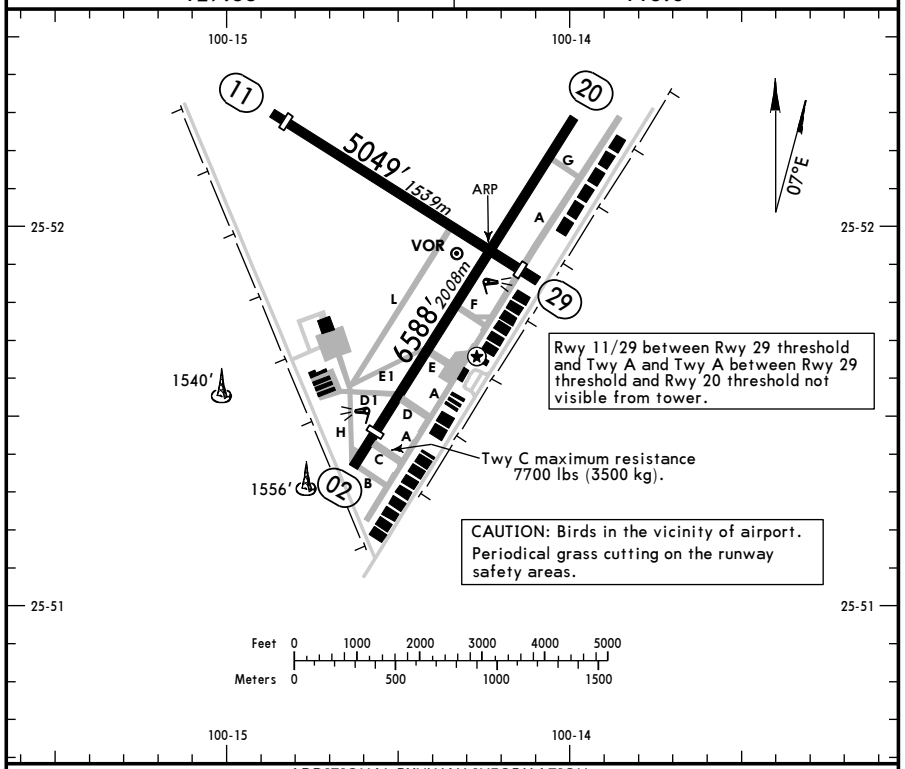
MMAN/NTR
Apt Elev 1476′
N25 51.9 W100 14.2

JEPPESEN 28 MAY 10 (21-1) Eff 3 Jun

MONTERREY, MEXICO
DEL NORTE INTL

*ATIS	*DEL NORTE Tower
127.55	118.6



Rwy 11/29 between Rwy 29 threshold and Twy A and Twy A between Rwy 29 threshold and Rwy 20 threshold not visible from tower.

CAUTION: Birds in the vicinity of airport. Periodical grass cutting on the runway safety areas.

ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS LANDING BEYOND Threshold	Glide Slope	TAKE-OFF	WIDTH
02	MIRL PAPI-L (angle 3.0°)	5932′ 1808m		6260′ 1908m	148′ 45m
20	MIRL PAPI-L (angle 3.2°)	6362′ 1939m		5932′ 1808m	
11	PAPI-R (angle 3.0°)	4787′ 1459m		4715′ 1437m	148′ 45m
29		4715′ 1437m		4787′ 1459m	

TAKE-OFF

	Rwys 02, 20	Rwys 11, 29 DAY
1 & 2 Eng	300-1	VFR
3 & 4 Eng	200-½	

CHANGES: None.

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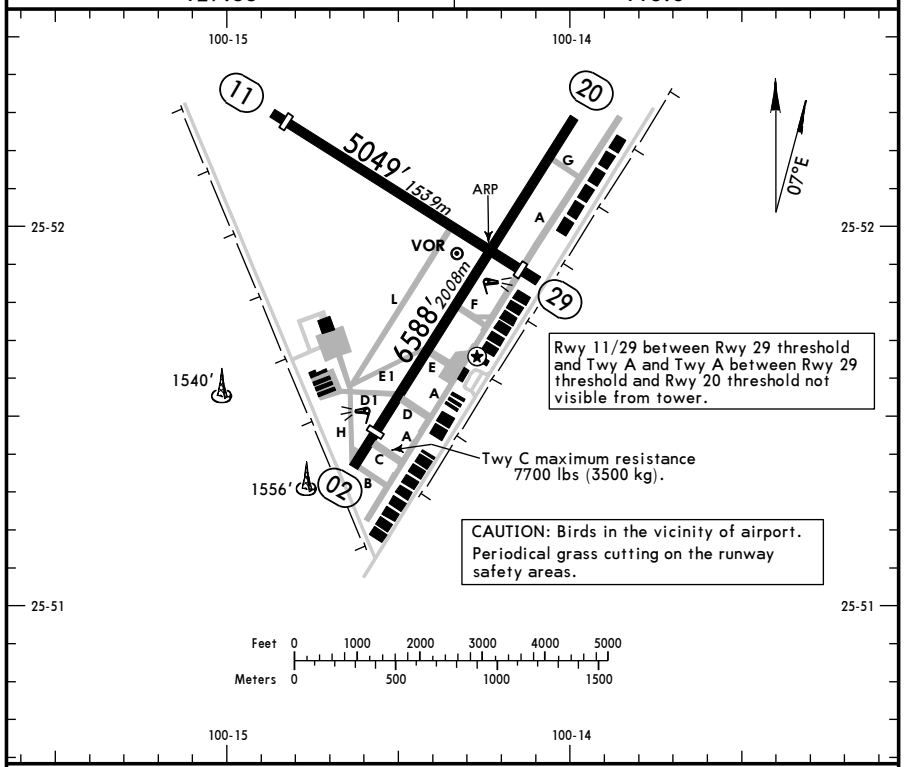
MMAN/NTR — MONTERREY, MEXICO

Apt Elev **1476′**
N25 51.9 W100 14.2

JEPPESEN 4 FEB 11 (21-1) **Eff 10 Feb**

DEL NORTE INTL

*ATIS	*DEL NORTE Tower
127.55	118.6



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS — LANDING BEYOND Threshold	Glide Slope	TAKE-OFF	WIDTH
02	MIRL PAPI-L (angle 3.0°)	5932′ 1808m		6260′ 1908m	148′ 45m
20	MIRL PAPI-L (angle 3.2°)	6362′ 1939m		5932′ 1808m	
11	PAPI-R (angle 3.0°)	4787′ 1459m		4715′ 1437m	148′ 45m
29		4715′ 1437m		4787′ 1459m	

TAKE-OFF

	Rwys 02, 20	Rwys 11, 29 DAY
1 & 2 Eng	300-1	VFR
3 & 4 Eng	200-½	

CHANGES: None.

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MMAN/NTR — MONTERREY, MEXICO

DEL NORTE INTL

JEPPESEN 23 JUL 10 (21-2) **Eff 29 Jul**

ILS DME 2 or LOC Rwy 20

*ATIS	MONTERREY Approach (R)		*DEL NORTE Tower
127.55	120.4	119.75	118.6

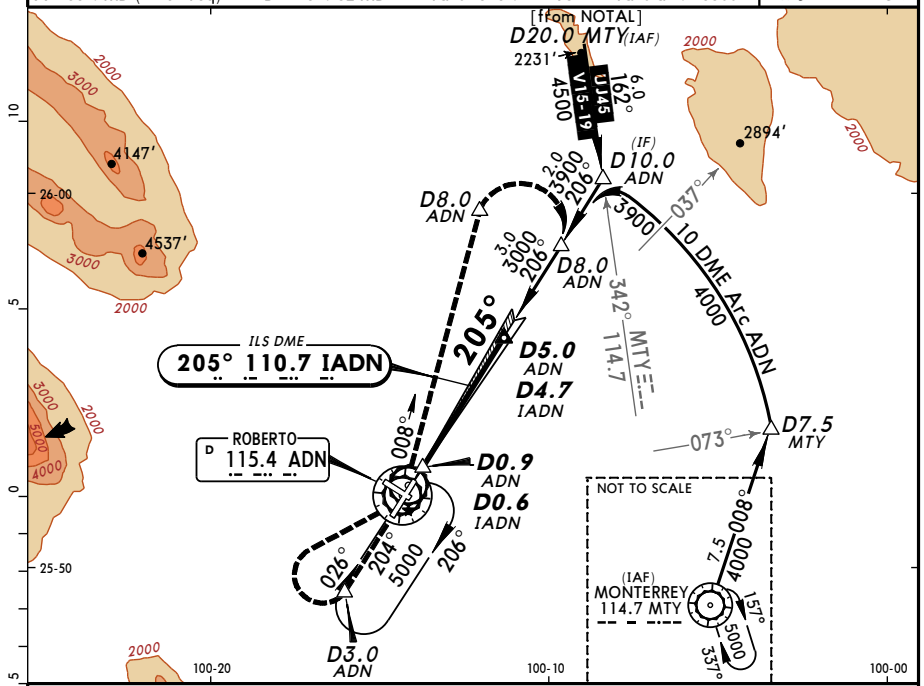
BRIEFING STRIP™

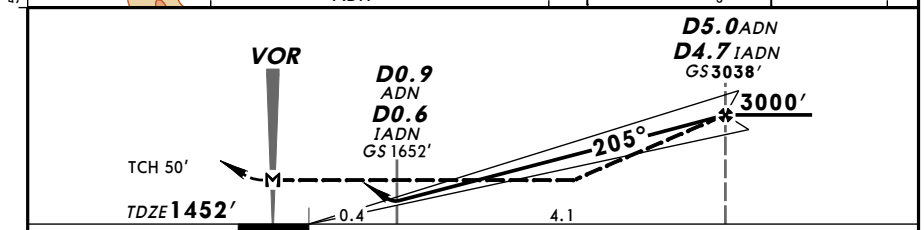
LOC IADN	Final Apch Crs	GS D5.0 ADN D4.7 IADN	ILS DA(H)	Apt Elev 1476′
110.7	205°	3038′ (1586′)	1652′ (200′)	TDZE 1452′

MISSED APCH: Climb on ADN VOR R-204 to D3.0 ADN, turn RIGHT within 5 NM to ADN VOR, continue on ADN VOR R-008 to D8.0 ADN, turn RIGHT within 10 NM to ADN VOR to the minimum holding altitude.

Alt Set: MB (IN on req) TDZ Elev: 52 MB Trans level: FL 195 Trans alt: 18500′

MSA ADN VOR: 180° 10,800′ 7000′ 090° 270° 12,500′ 11,500′ 360°





Gnd speed-Kts	70	90	100	120	140	160
GS 3.20°	401	516	574	688	803	918
MAP at VOR						

PAPI-L ↑ on ADN 115.4 R-204 D3.0 ADN

STRAIGHT-IN LANDING RWY 20

	ILS DA(H) 1652′ (200′)	LOC (GS out) MDA(H) 1980′ (528′)
A	¾	1
B		
C		1½
D		
ALL Non Skd	DA(H) 1702′ (250′) -1	1¾

CIRCLE-TO-LAND

Max Kts	MDA(H)
90	2040′ (564′) -1
120	
140	2040′ (564′) -1½
165	2040′ (564′) -2

CHANGES: Transition altitudes.

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MMAN/NTR DEL NORTE INTL — MONTERREY, MEXICO ILS DME 2 or LOC Rwy 20

JEPPESEN 4 FEB 11 Eff 10 Feb (21-2)

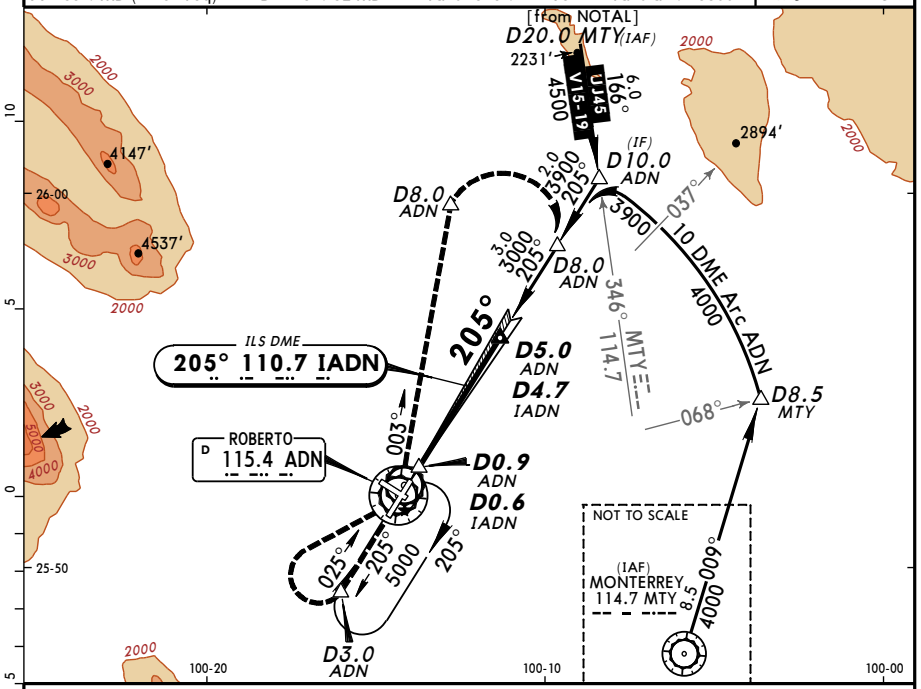
*ATIS	MONTERREY Approach (R)		*DEL NORTE Tower
127.55	119.75	120.4	118.6

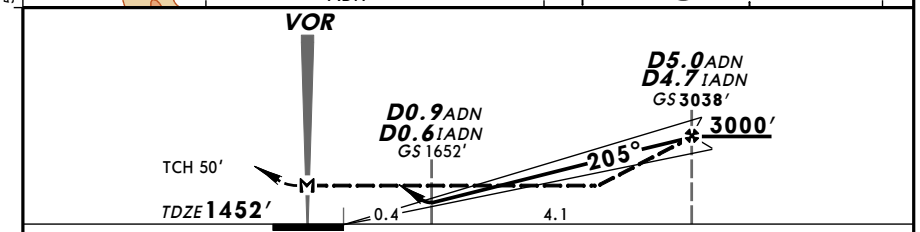
LOC IADN	Final Apch Crs	GS D5.0 ADN D4.7 IADN	ILS DA(H)	Apt Elev 1476′
110.7	205°	3038′ (1586′)	1652′ (200′)	TDZE 1452′

MISSED APCH: Climb on ADN VOR R-205 to D3.0 ADN, turn RIGHT within 5 NM to ADN VOR, continue on ADN VOR R-003 to D8.0 ADN, turn RIGHT within 10 NM to ADN VOR to the minimum holding altitude.

Alt Set: MB (IN on req) TDZ Elev: 52 MB Trans level: FL 195 Trans alt: 18500′

MSA ADN VOR: 10,800′ 090° 7000′ 270° 12,500′ 11,500′ 360° 180°





Gnd speed-Kts	70	90	100	120	140	160
GS 3.20°	401	516	574	688	803	918
MAP at VOR						

PAPI-L ↑ on ADN 115.4 R-205 D3.0 ADN

STRAIGHT-IN LANDING RWY 20	ILS DA(H) 1652′ (200′)	LOC (GS out) MDA(H) 1980′ (528′)	CIRCLE-TO-LAND Max Kts	MDA(H)
A	3/4	1	90	2040′ (564′)-1
B			120	
C		1½	140	2040′ (564′)-1½
D			165	2040′ (564′)-2
ALL Non Skd	DA(H) 1702′ (250′)-1	1¾		

CHANGES: Procedure bearings, MTY transition.

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MMAN/NTR DEL NORTE INTL — MONTERREY, MEXICO VOR DME 1 Rwy 20

JEPPESEN 6 FEB 09 (23-1)

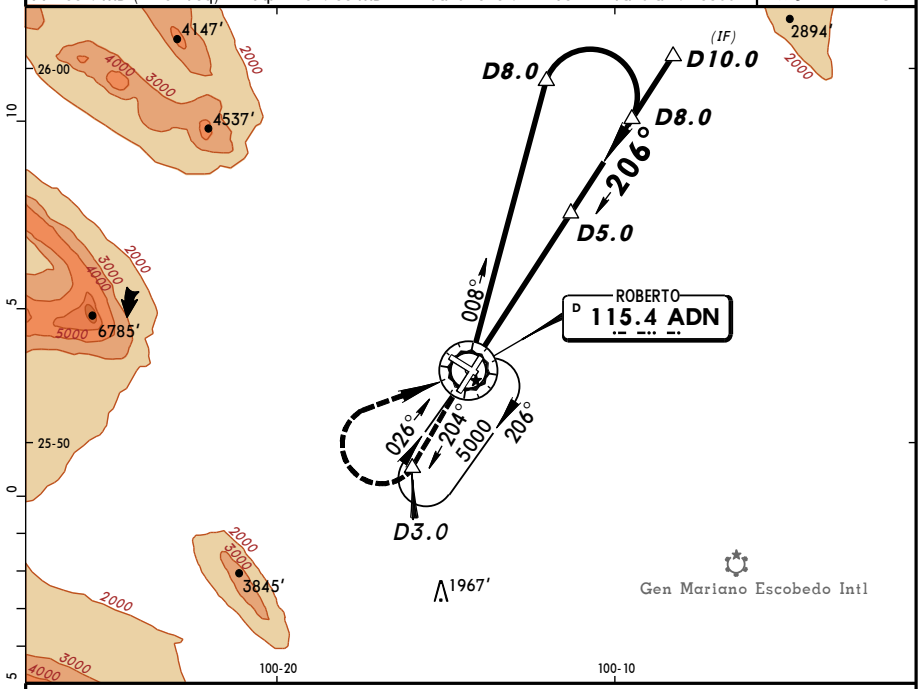
*ATIS	MONTERREY Approach (R)		*DEL NORTE Tower
127.55	119.75	120.4	118.6

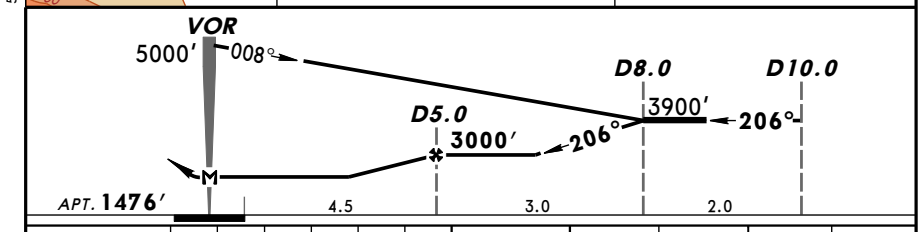
VOR ADN	Final Apch Crs	Minimum Alt D5.0	MDA(H)	Apt Elev 1476′
115.4	206°	3000′ (1524′)	1980′ (504′)	

MISSED APCH: Climb on ADN VOR R-204 outbound to D3.0, turn RIGHT within 5 NM to ADN VOR, continue on ADN VOR R-008 to D8.0, turn RIGHT within 10 NM to ADN VOR to the minimum holding altitude.

Alt Set: MB (IN on req) Apt Elev: 53 MB Trans level: FL 195 Trans alt: 18500′

MSA ADN VOR: 10,800′ 090° 7000′ 270° 12,500′ 11,500′ 360° 180°





MAP at VOR	

PAPI-L ↑ on ADN 115.4 R-204 D3.0

STRAIGHT-IN LANDING RWY 20	MDA(H) 1980′ (504′)	CIRCLE-TO-LAND Max Kts	MDA(H)
A	1	90	2040′ (564′)-1
B		120	
C	1½	140	2040′ (564′)-1½
D		165	2040′ (564′)-2

CHANGES: Missed approach, profile altitudes.

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MMAN/NTR DEL NORTE INTL

JEPPESEN 4 FEB 11 (23-1) Eff 10 Feb

MONTERREY, MEXICO VOR DME 1 Rwy 20

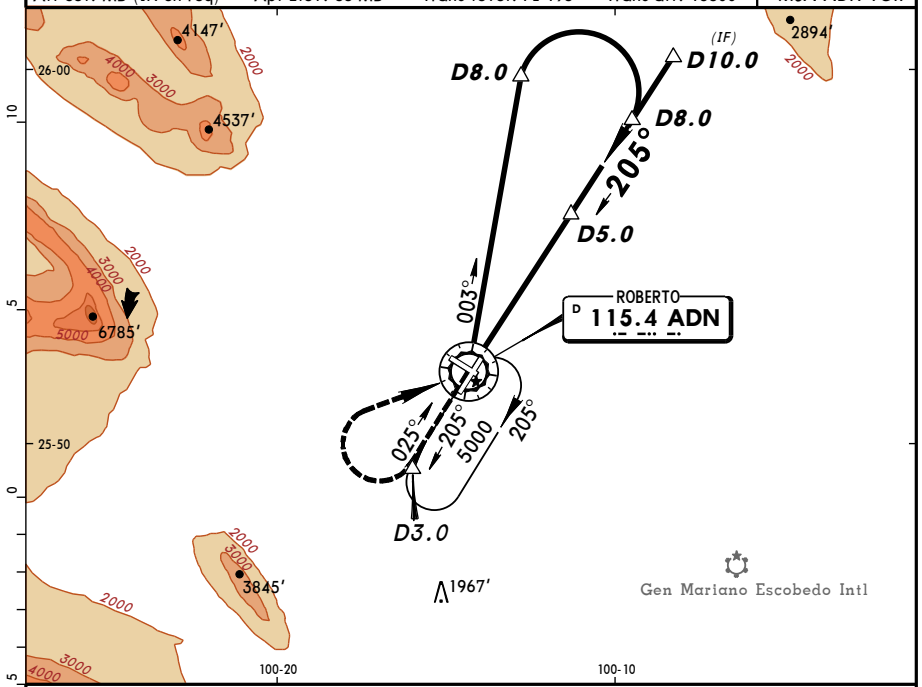
*ATIS	MONTERREY Approach (R)		*DEL NORTE Tower
127.55	119.75	120.4	118.6

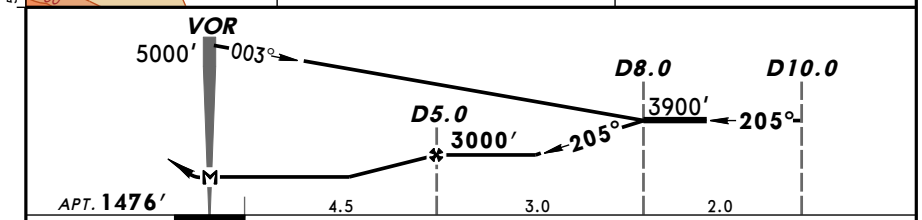
VOR ADN	Final Apch Crs	Minimum Alt	MDA(H)	Apt Elev
115.4	205°	D5.0 3000′ (1524′)	1980′ (504′)	1476′

MISSED APCH: Climb on ADN VOR R-205 outbound to D3.0, turn RIGHT within 5 NM to ADN VOR, continue on ADN VOR R-003 to D8.0, turn RIGHT within 10 NM to ADN VOR to the minimum holding altitude.

Alt Set: MB (IN on req) Apt Elev: 53 MB Trans level: FL 195 Trans alt: 18500′

MSA ADN VOR: 180°, 10,800′, 7000′, 090°, 270°, 12,500′, 11,500′, 360°





MAP at VOR		PAPI-L	↑	on ADN 115.4 R-205	D3.0

STRAIGHT-IN LANDING RWY 20		CIRCLE-TO-LAND	
MDA(H) 1980′ (504′)		Max Kts	MDA(H)
A	1	90	2040′ (564′)-1
B		120	
C	1½	140	2040′ (564′)-1½
D		165	2040′ (564′)-2

CHANGES: Procedure bearings.

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MMAN/NTR DEL NORTE INTL

JEPPESEN 6 FEB 09 (23-2)

MONTERREY, MEXICO VOR DME 2 Rwy 20

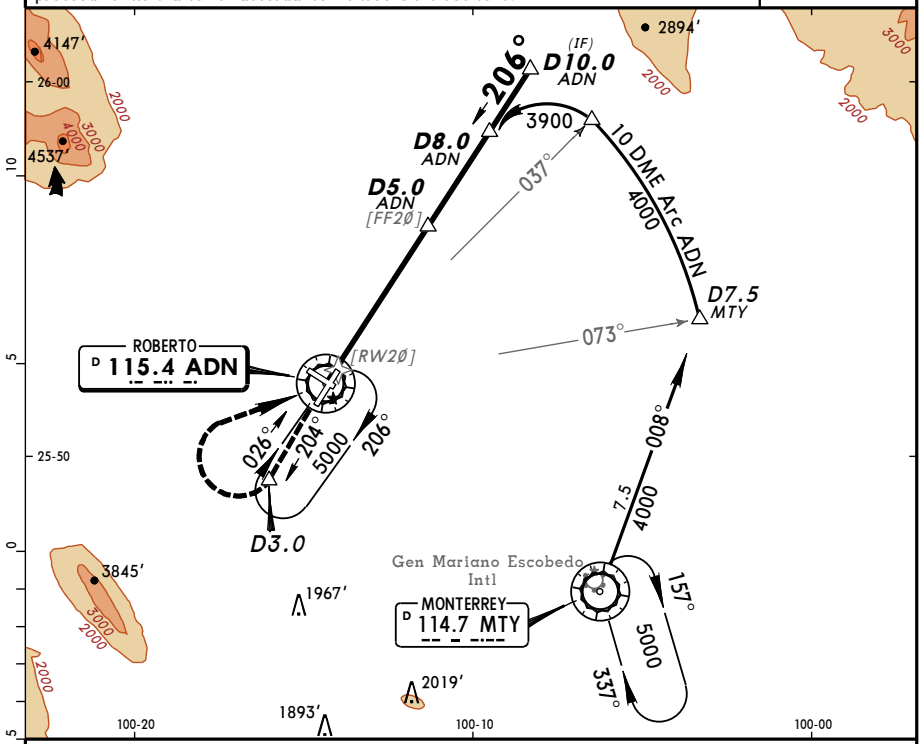
*ATIS	MONTERREY Approach (R)		*DEL NORTE Tower
127.55	119.75	120.4	118.6

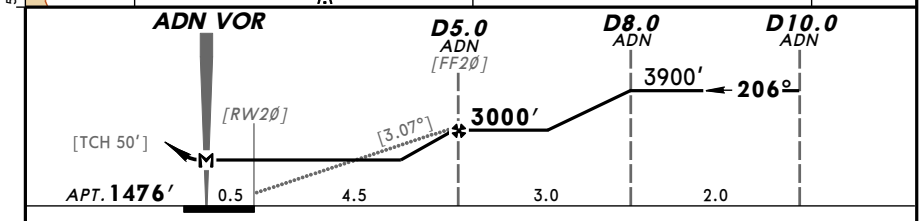
VOR ADN	Final Apch Crs	Minimum Alt	MDA(H)	Apt Elev
115.4	206°	D5.0 ADN 3000′ (1524′)	1980′ (504′)	1476′

MISSED APCH: Climb on ADN VOR R-204 outbound to D3.0, turn RIGHT within 5 NM to ADN VOR and follow VOR DME 1 Rwy 20.

Alt Set: MB (IN on req) Apt Elev: 53 MB Trans level: FL 195 Trans alt: 18500′
1. In case of DME failure at any point during the procedure, maintain last altitude and proceed to the station in accordance with ATC instructions.

MSA ADN VOR: 180°, 10,800′, 7000′, 090°, 270°, 12,500′, 11,500′, 360°





Gnd speed-Kts	70	90	100	120	140	160
Descent angle [3.07°]	380	489	543	652	760	869

MAP at VOR		PAPI-L	↑	on ADN 115.4 R-204	D3.0

STRAIGHT-IN LANDING RWY 20		CIRCLE-TO-LAND	
MDA(H) 1980′ (504′)		Max Kts	MDA(H)
A	1	90	2040′ (564′)-1
B		120	
C	1½	140	2040′ (564′)-1½
D		165	2040′ (564′)-2

CHANGES: Missed approach, note, profile altitudes.

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MMAN/NTR DEL NORTE INTL

JEPPESEN 4 FEB 11 (23-2) Eff 10 Feb

MONTERREY, MEXICO VOR DME 2 Rwy 20

BRIEFING STRIP

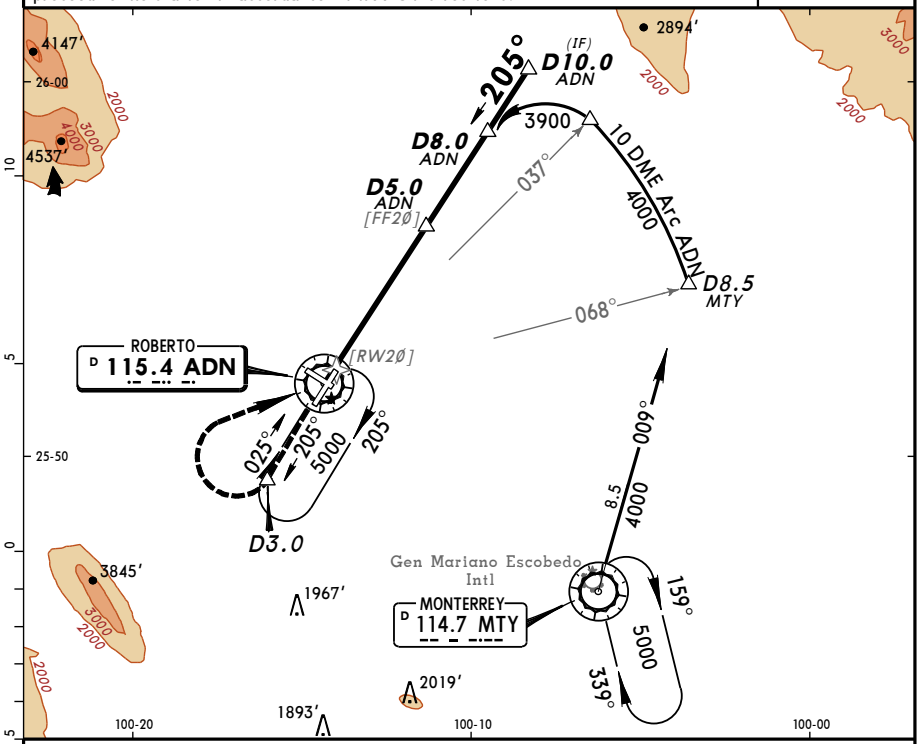
*ATIS	MONTERREY Approach (R)		*DEL NORTE Tower
127.55	119.75	120.4	118.6

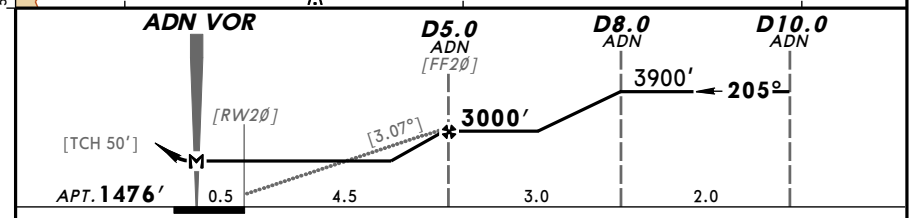
VOR	Final Apch Crs	Minimum Alt	MDA(H)	Apt Elev
ADN 115.4	205°	D5.0 ADN 3000′ (1524′)	1980′ (504′)	1476′

MISSED APCH: Climb on ADN VOR R-205 outbound to D3.0, turn RIGHT within 5 NM to ADN VOR and follow VOR DME 1 Rwy 20.

Alt Set: MB (IN on req) Apt Elev: 53 MB Trans level: FL 195 Trans alt: 18500′
1. In case of DME failure at any point during the procedure, maintain last altitude and proceed to the station in accordance with ATC instructions.

MSA ADN VOR: 180°, 10,800′, 7000′, 090°, 270°, 12,500′, 11,500′, 360°





Gnd speed-Kts	70	90	100	120	140	160
Descent angle [3.07°]	380	489	543	652	760	869
MAP at VOR						

PAPI-L ↑ on ADN 115.4 R-205 D3.0

STRAIGHT-IN LANDING RWY 20 MDA(H) 1980′ (504′)		CIRCLE-TO-LAND Max Kts	MDA(H)
A	1	90	2040′(564′)-1
B		120	
C	1½	140	2040′(564′)-1½
D		165	2040′(564′)-2

CHANGES: Missed approach, procedure bearings.

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MMAN/NTR DEL NORTE INTL

JEPPESEN 6 FEB 09 (23-3)

MONTERREY, MEXICO VOR DME 3 Rwy 20

BRIEFING STRIP

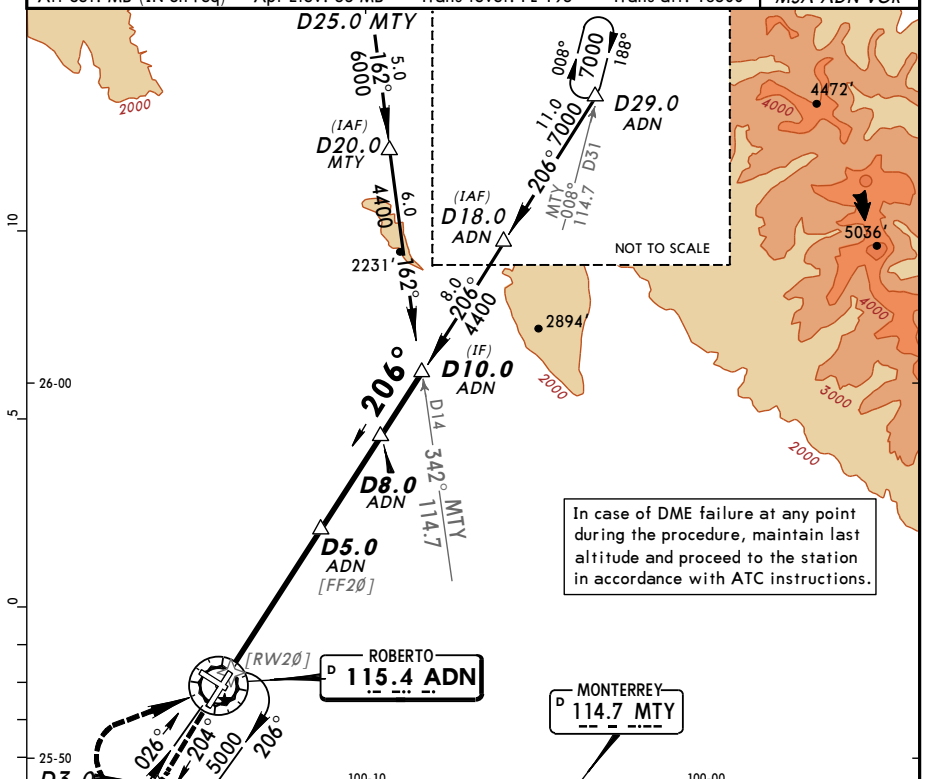
*ATIS	MONTERREY Approach (R)		*DEL NORTE Tower
127.55	119.75	120.4	118.6

VOR	Final Apch Crs	Minimum Alt	MDA(H)	Apt Elev
ADN 115.4	206°	D5.0 ADN 3000′ (1524′)	1980′ (504′)	1476′

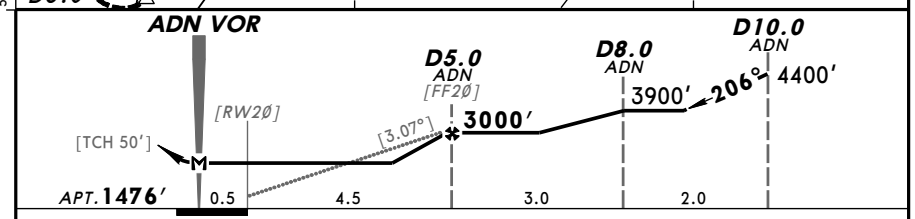
MISSED APCH: Climb on ADN VOR R-204 outbound to D3.0, turn RIGHT within 5 NM to ADN VOR and follow VOR DME 1 Rwy 20.

Alt Set: MB (IN on req) Apt Elev: 53 MB Trans level: FL 195 Trans alt: 18500′

MSA ADN VOR: 180°, 10,800′, 7000′, 090°, 270°, 12,500′, 11,500′, 360°



In case of DME failure at any point during the procedure, maintain last altitude and proceed to the station in accordance with ATC instructions.



Gnd speed-Kts	70	90	100	120	140	160
Descent angle [3.07°]	380	489	543	652	760	869
MAP at VOR						

PAPI-L ↑ on ADN 115.4 R-204 D3.0

STRAIGHT-IN LANDING RWY 20 MDA(H) 1980′ (504′)		CIRCLE-TO-LAND Max Kts	MDA(H)
A	1	90	2040′(564′)-1
B		120	
C	1½	140	2040′(564′)-1½
D		165	2040′(564′)-2

CHANGES: Missed approach, profile altitudes.

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MMAN/NTR
DEL NORTE INTL

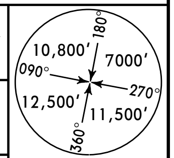
JEPPESEN
4 FEB 11 (23-3) Eff 10 Feb

MONTERREY, MEXICO
VOR DME 3 Rwy 20

BRIEFING STRIP ™

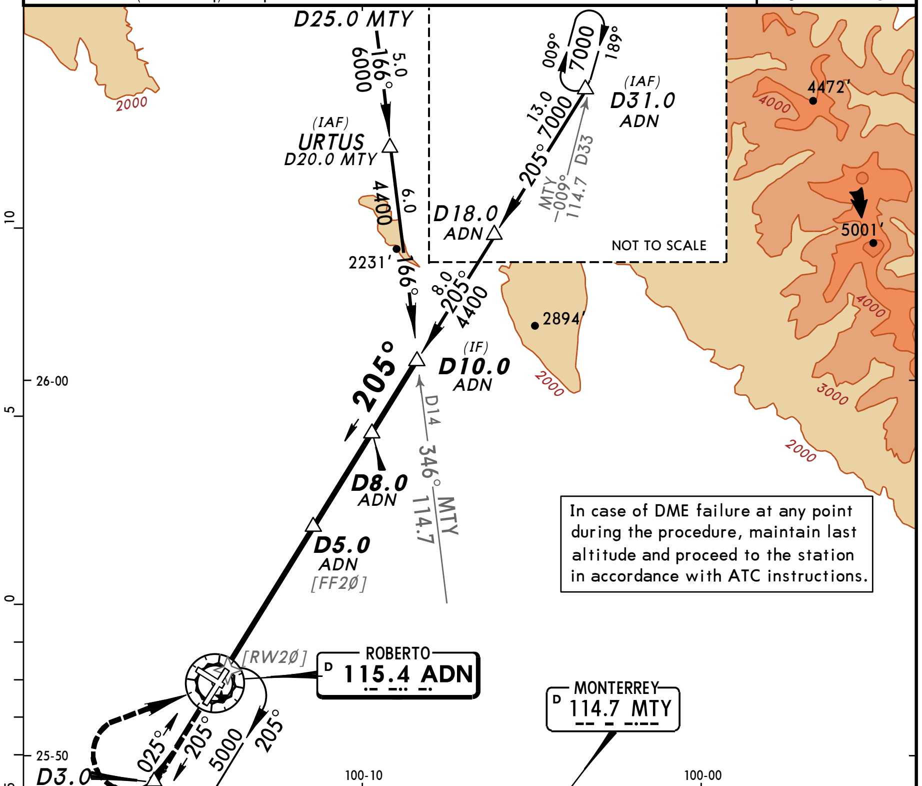
*ATIS	MONTERREY Approach (R)	*DEL NORTE Tower
127.55	119.75 120.4	118.6

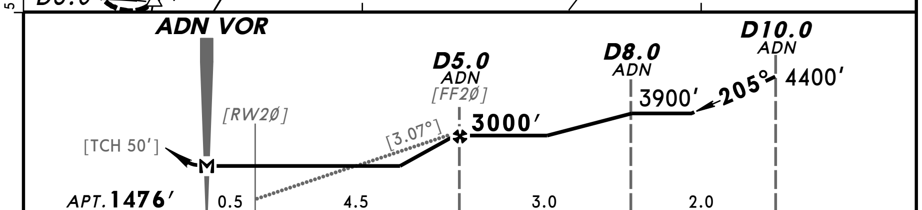
VOR ADN	Final Apch Crs	Minimum Alt D5.0 ADN	MDA(H)	Apt Elev
115.4	205°	3000′ (1524′)	1980′ (504′)	1476′



MISSED APCH: Climb on ADN VOR R-205 outbound to D3.0, turn RIGHT within 5 NM to ADN VOR and follow VOR DME 1 Rwy 20.

Alt Set: MB (IN on req) Apt Elev: 53 MB Trans level: FL 195 Trans alt: 18500′





Gnd speed-Kts	70	90	100	120	140	160
Descent angle [3.07°]	380	489	543	652	760	869
MAP at VOR						

PAPI-L

ADN on 115.4 R-205 — D3.0

STRAIGHT-IN LANDING RWY 20 MDA(H) 1980′ (504′)		Max Kts	CIRCLE-TO-LAND MDA(H)
A	1	90	2040′(564′)-1
B		120	
C	1½	140	2040′(564′)-1½
D		165	2040′(564′)-2

CHANGES: Procedure bearings, URTUS intersection.

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MMAN/NTR
DEL NORTE INTL

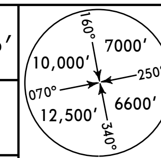
JEPPESEN
4 FEB 11 (23-4) Eff 10 Feb

MONTERREY, MEXICO
VOR DME 4 Rwy 20

BRIEFING STRIP ™

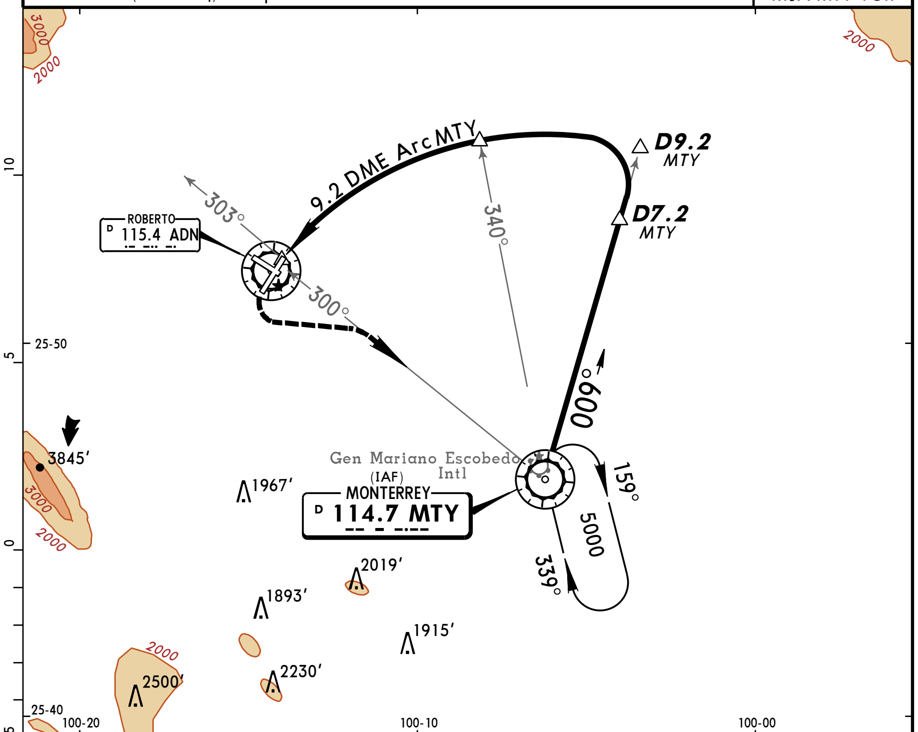
*ATIS	MONTERREY Approach (R)	*DEL NORTE Tower
127.55	119.75 120.4	118.6

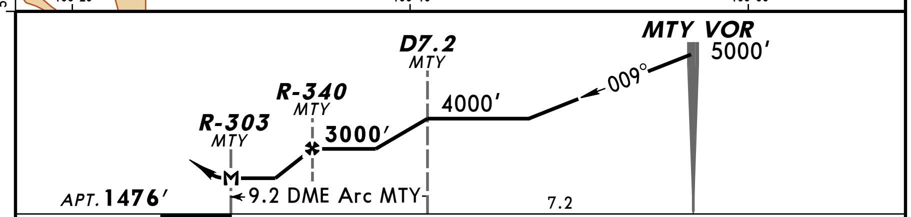
VOR MTY	Final Apch Crs	Minimum Alt R-340 MTY	MDA(H)	Apt Elev
114.7	Refer to Planview	3000′ (1524′)	2040′ (564′)	1476′



MISSED APCH: Climbing LEFT turn to intercept MTY VOR R-300 inbound and return to MTY VOR to the minimum holding altitude.

Alt Set: MB (IN on req) Apt Elev: 53 MB Trans level: FL 195 Trans alt: 18500′





MAP at R-303 MTY

PAPI-L

LT

MTY 114.7 R-300

STRAIGHT-IN LANDING RWY 20 MDA(H) 2040′ (564′)		Max Kts	CIRCLE-TO-LAND MDA(H)
A	1	90	2100′(624′)-1
B		120	
C	1½	140	2100′(624′)-1¾
D	1¾	165	2100′(624′)-2

CHANGES: Procedure bearings, FAF, MAP.

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MMAN/NTR
DEL NORTE INTL

JEPPESEN 6 FEB 09 (23-4)

MONTERREY, MEXICO
VOR DME Rwy 20

*ATIS	MONTERREY Approach (R)		*DEL NORTE Tower
127.55	119.75	120.4	118.6

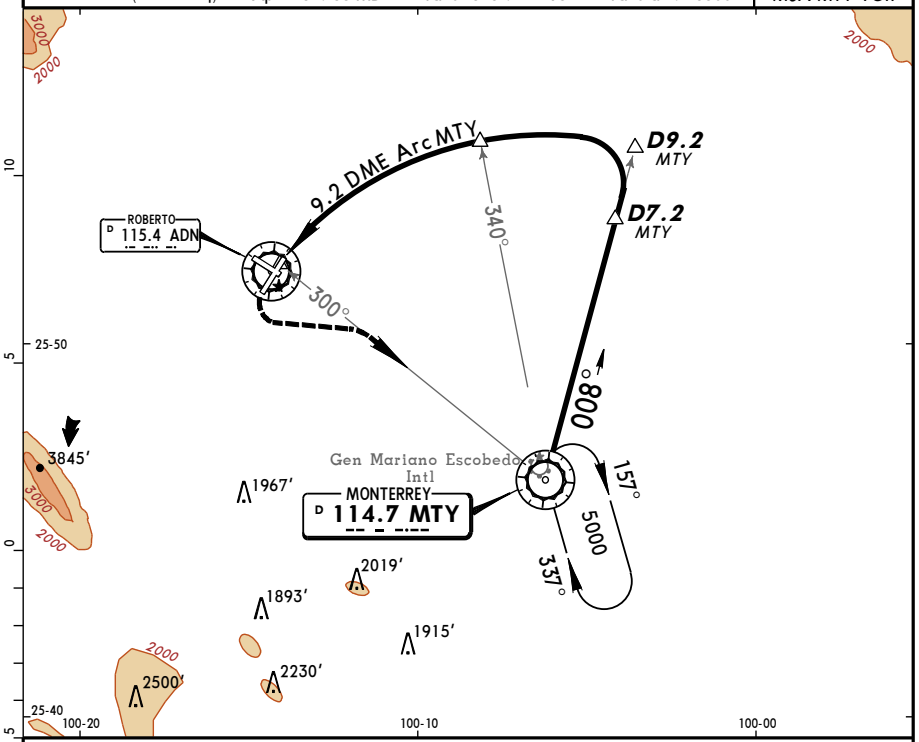
BRIEFING STRIP ™

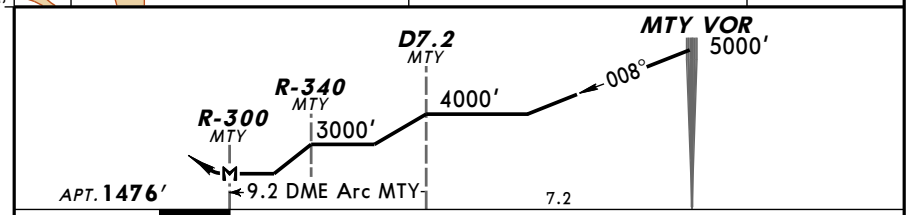
VOR	Final Apch Crs	No FAF	MDA(H)	Apt Elev
MTY 114.7	Refer to Planview		2040′ (564′)	1476′

MISSED APCH: Climbing LEFT turn to intercept MTY VOR R-300 inbound and return to MTY VOR to the minimum holding altitude.

Alt Set: MB (IN on req) Apt Elev: 53 MB Trans level: FL 195 Trans alt: 18500′

MSA MTY VOR: 160° 7000′; 250° 6600′; 340° 12,500′; 070° 10,000′





MAP at R-300 MTY	PAPI-L	LT	MTY 114.7 R-300

STRAIGHT-IN LANDING RWY 20		CIRCLE-TO-LAND	
MDA(H) 2040′ (564′)		Max Kts	MDA(H)
A	1	90	2100′(624′)-1
B		120	
C	1½	140	2100′(624′)-1¾
D	1¾	165	2100′(624′)-2

CHANGES: None.

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MMAN/NTR
DEL NORTE INTL

JEPPESEN 11 JUL 08 (23-5)

MONTERREY, MEXICO
VOR Rwy 20

*ATIS	MONTERREY Approach (R)		*DEL NORTE Tower
127.55	119.75	120.4	118.6

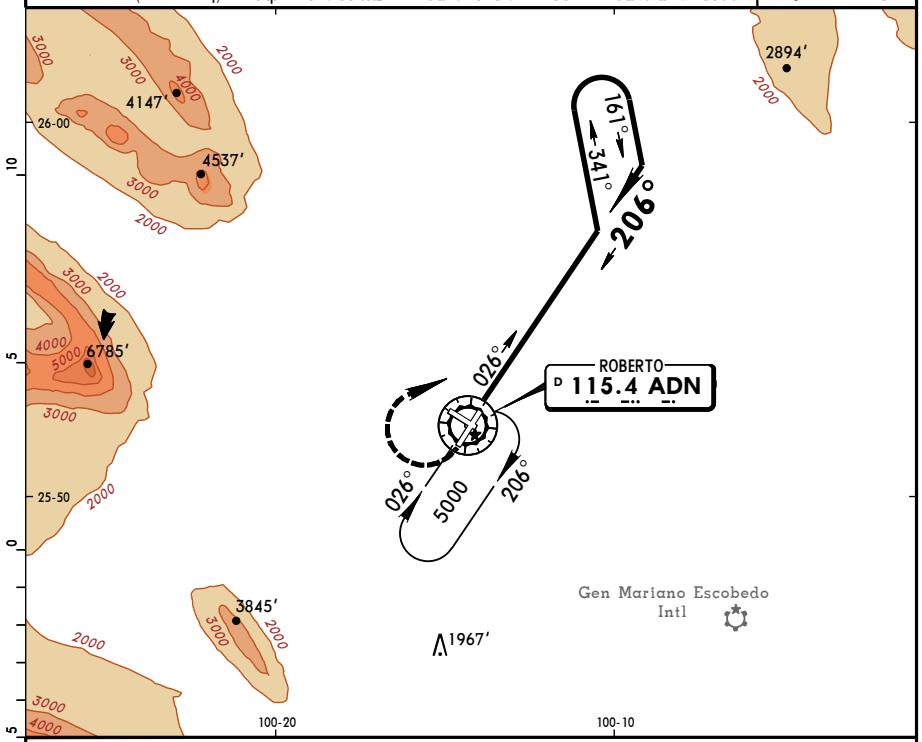
BRIEFING STRIP ™

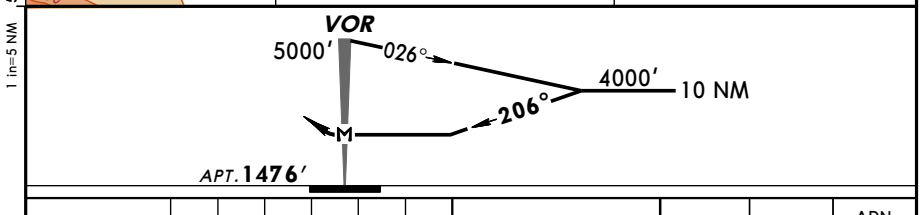
VOR	Final Apch Crs	No FAF	MDA(H)	Apt Elev
ADN 115.4	206°		2040′ (564′)	1476′

MISSED APCH: Turn RIGHT to intercept ADN VOR R-026 outbound and proceed on the approach track to the minimum holding altitude.

Alt Set: MB (IN on req) Apt Elev: 53 MB Trans level: FL 195 Trans alt: 18500′

MSA ADN VOR: 180° 7000′; 270° 11,500′; 360° 12,500′; 090° 10,800′





MAP at VOR	PAPI-L	RT	ADN 115.4 R-026

STRAIGHT-IN LANDING RWY 20		CIRCLE-TO-LAND	
MDA(H) 2040′ (564′)		Max Kts	MDA(H)
A	1	90	2040′(564′)-1
B		120	
C	1½	140	2040′(564′)-1½
D	1¾	165	2040′(564′)-2

CHANGES: Approach frequency.

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MMAN/NTR DEL NORTE INTL

JEPPESEN 4 FEB 11 (23-5) Eff 10 Feb

MONTERREY, MEXICO VOR Rwy 20

*ATIS	MONTERREY Approach (R)	*DEL NORTE Tower
127.55	119.75 120.4	118.6

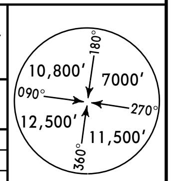
VOR ADN	Final Apch Crs	No FAF	MDA(H)	Apt Elev
115.4	205°		2040′ (564′)	1476′

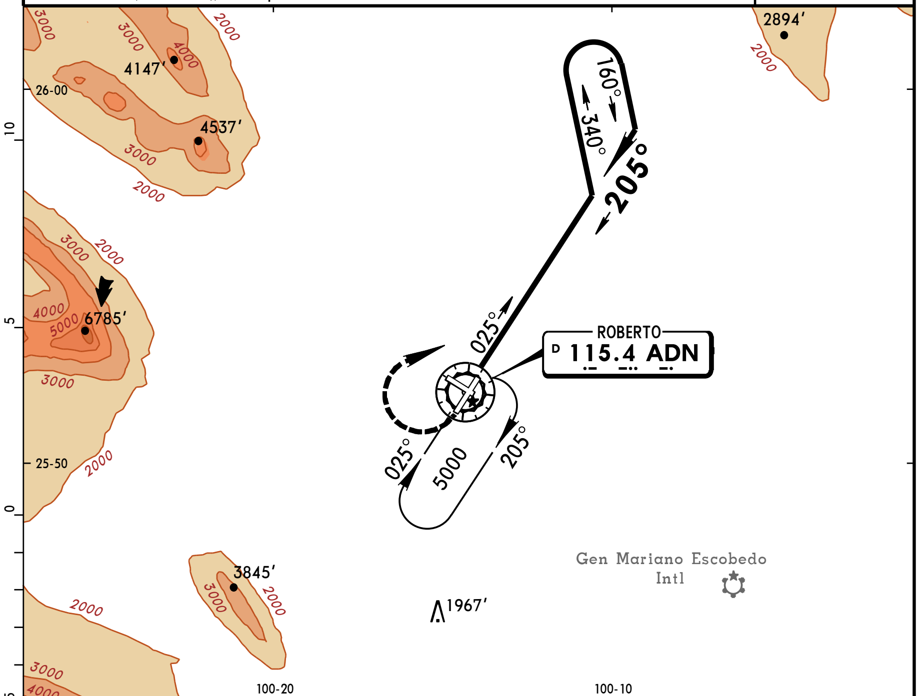
BRIEFING STRIP ™

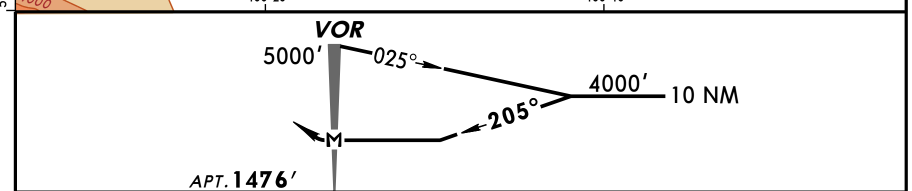
MISSED APCH: Turn RIGHT to intercept ADN VOR R-025 outbound and proceed on the approach track to the minimum holding altitude.

MAX TIME TO TURN							
Gnd speed-Kts	80	100	120	140	160	180	200
7 NM to turn	5:15	4:12	3:30	3:00	2:38	2:20	2:06

Alt Set: MB (IN on req) Apt Elev: 53 MB Trans level: FL 195 Trans alt: 18500′







	PAPI-L	RT	ADN 115.4 R-025
MAP at VOR			

STRAIGHT-IN LANDING RWY 20		Max Kts	CIRCLE-TO-LAND
MDA(H) 2040′ (564′)			MDA(H)
A	1	90	2040′ (564′)-1
B		120	
C	1½	140	2040′ (564′)-1½
D	1¾	165	2040′ (564′)-2

CHANGES: Missed approach, procedure bearings.

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MMAN/NTR DEL NORTE INTL

JEPPESEN 11 JUL 08 (23-6)

MONTERREY, MEXICO CAT A, B & C VOR DME Rwy 29

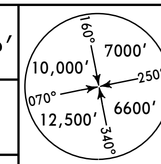
*ATIS	MONTERREY Approach (R)	*DEL NORTE Tower
127.55	119.75 120.4	118.6

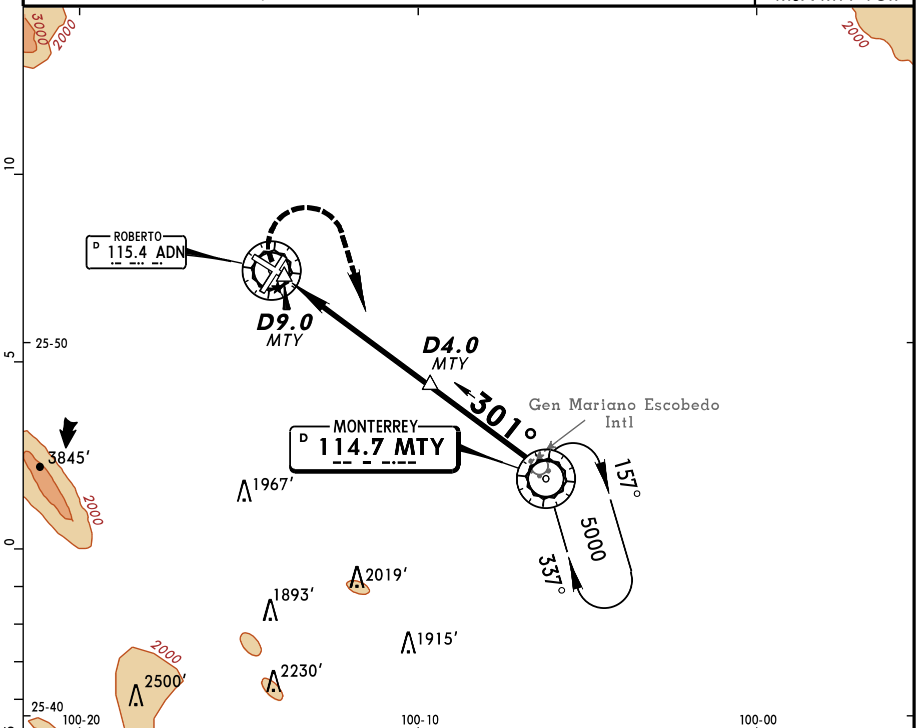
VOR MTY	Final Apch Crs	No FAF	MDA(H) (CONDITIONAL)	Apt Elev
114.7	301°		1980′ (504′)	1476′

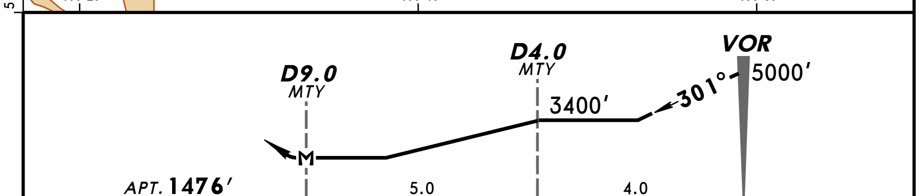
BRIEFING STRIP ™

MISSED APCH: Climbing RIGHT turn to intercept MTY VOR R-301 inbound and return to MTY VOR to the minimum holding altitude.

Alt Set: MB (IN on req) Apt Elev: 53 MB Trans level: FL 195 Trans alt: 18500′







	RT	MTY 114.7 R-301
MAP at D9.0 MTY		

STRAIGHT-IN LANDING RWY 29			Max Kts	CIRCLE-TO-LAND
MDA(H) 1980′ (504′)	DAY	NIGHT		MDA(H)
A	1	NA	90	2040′ (564′)-1
B			120	
C	1½		140	2040′ (564′)-1½
D	NOT APPLICABLE		D	NOT APPLICABLE

CHANGES: Approach frequency.

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