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TORREON, MEXICO

TORREON INTL

*TORREON Approach
119.6

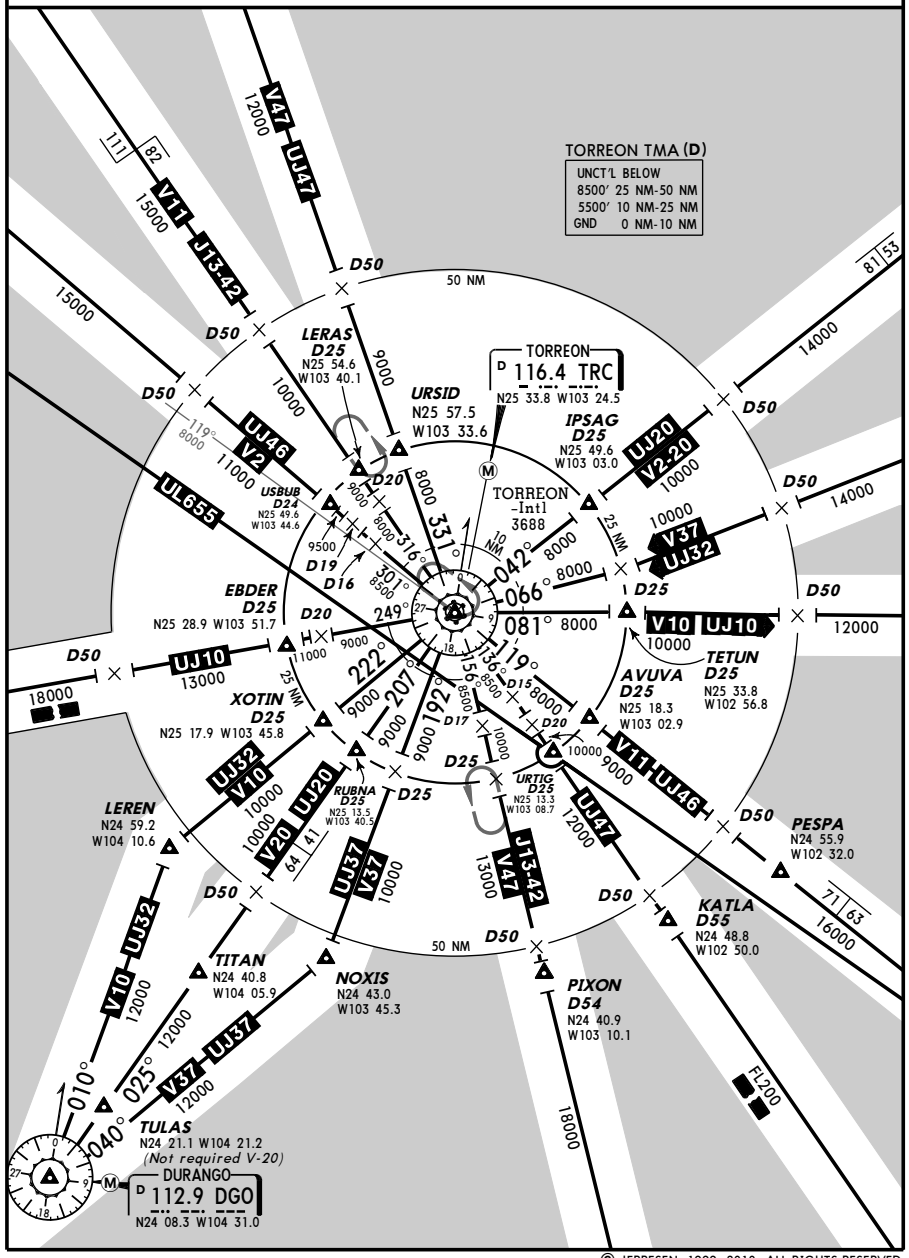
SPEED ***RESTRICTIONS WITHIN MEXICO AIRSPACE***

Maximum IAS unless otherwise depicted or authorized by ATC

At or below 3000′ AGL within 10NM of any airport.....200 KTS
At or below 10000′ within Mexico Airspace.....250 KTS
At or below 10000′ AGL within 30NM of any airport.....250 KTS

WITHIN TORREON TMA

At or below 6700′ of Torreon Intl Apt and within 10NM of TRC VORDME.....200 KTS
At or below 13700′ within 30NM of TRC VORDME.....250 KTS



CHANGES: Waypoints desig. Novek Int renamed Tulas (NE of Durango).

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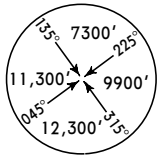
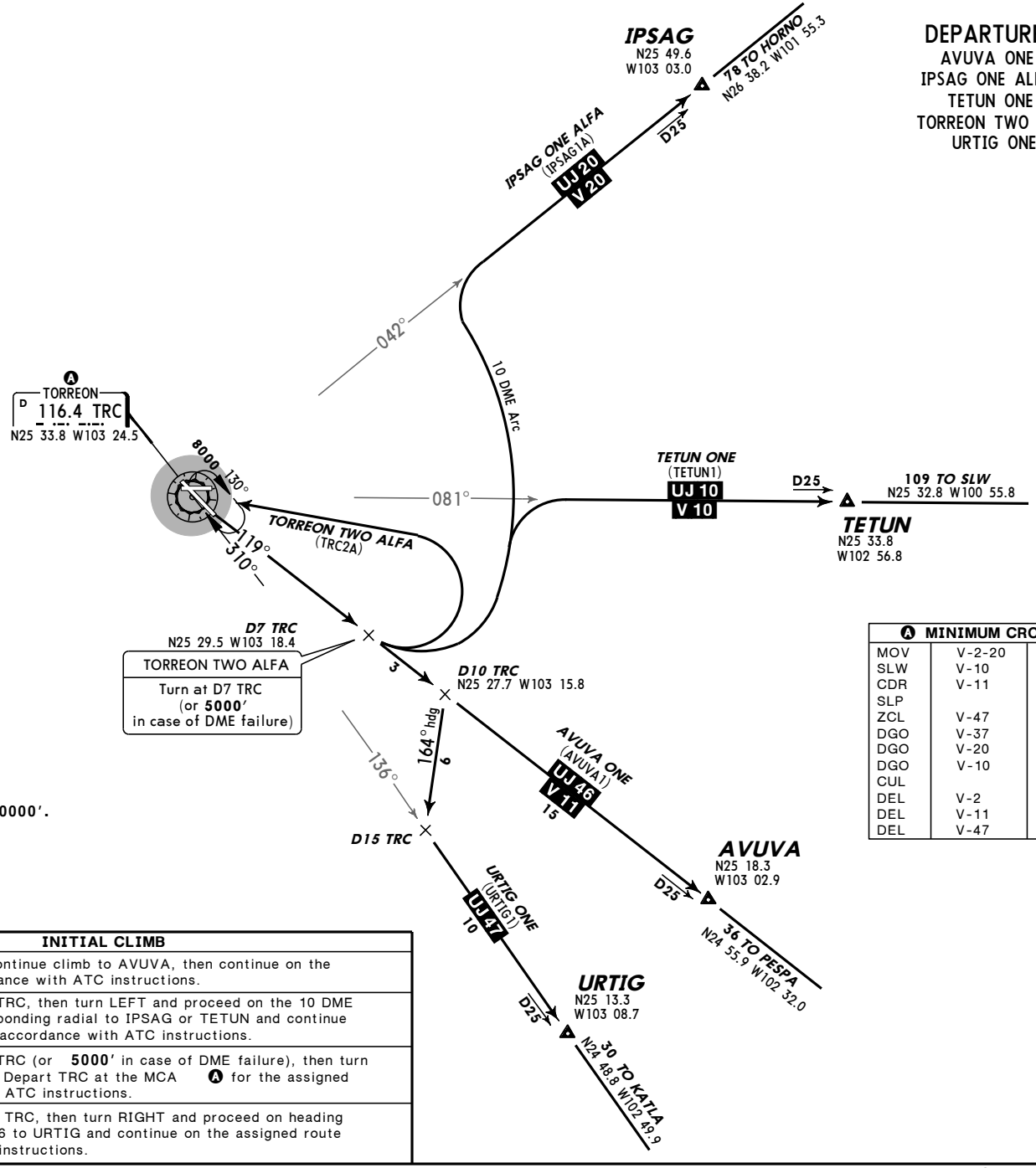
MMTC/TRC
TORREON INTL

Apt Elev
3688′

Trans level: FL195 Trans alt: 18500′



DEPARTURES RWY 12
AVUVA ONE (AVUVA1),
IPSAG ONE ALFA (IPSAG1A),
TETUN ONE (TETUN1),
TORREON TWO ALFA (TRC2A),
URTIG ONE (URTIG1)



Ⓐ MINIMUM CROSSING ALTITUDE			
MOV	V-2-20	UJ-20	7400
SLW	V-10	UJ-10	7400
CDR	V-11	UJ-46	7400
SLP		UJ-47	9600
ZCL	V-47	J-13-42	9600
DGO	V-37	UJ-37	7400
DGO	V-20	UJ-20	7400
DGO	V-10	UJ-32	7400
CUL		UJ-10	7900
DEL	V-2	UJ-46	7400
DEL	V-11	J-13-42	7400
DEL	V-47	UJ-47	7400

These SIDs require minimum climb gradients of:
AVUVA ONE and URTIG ONE: 260′ per NM to **10000′.**
IPSAG ONE ALFA and TETUN ONE:
230′ per NM to **10000′.**

Gnd speed-KT	75	100	150	200	250	300
230′ per NM	288	383	575	767	958	1150
260′ per NM	325	433	650	867	1083	1300

SID	INITIAL CLIMB
AVUVA ONE	Climb on TRC R-119 and continue climb to AVUVA, then continue on the assigned route or in accordance with ATC instructions.
IPSAG ONE ALFA, TETUN ONE	Climb on TRC R-119 to D7 TRC, then turn LEFT and proceed on the 10 DME Arc to intercept the corresponding radial to IPSAG or TETUN and continue on the assigned route or in accordance with ATC instructions.
TORREON TWO ALFA	Climb on TRC R-119 to D7 TRC (or **5000′** in case of DME failure), then turn LEFT within 10 NM to TRC. Depart TRC at the MCA Ⓐ for the assigned route or in accordance with ATC instructions.
URTIG ONE	Climb on TRC R-119 to D10 TRC, then turn RIGHT and proceed on heading 164° to intercept TRC R-136 to URTIG and continue on the assigned route or in accordance with ATC instructions.

CHANGES: TETUN ONE and URTIG ONE SIDs added.

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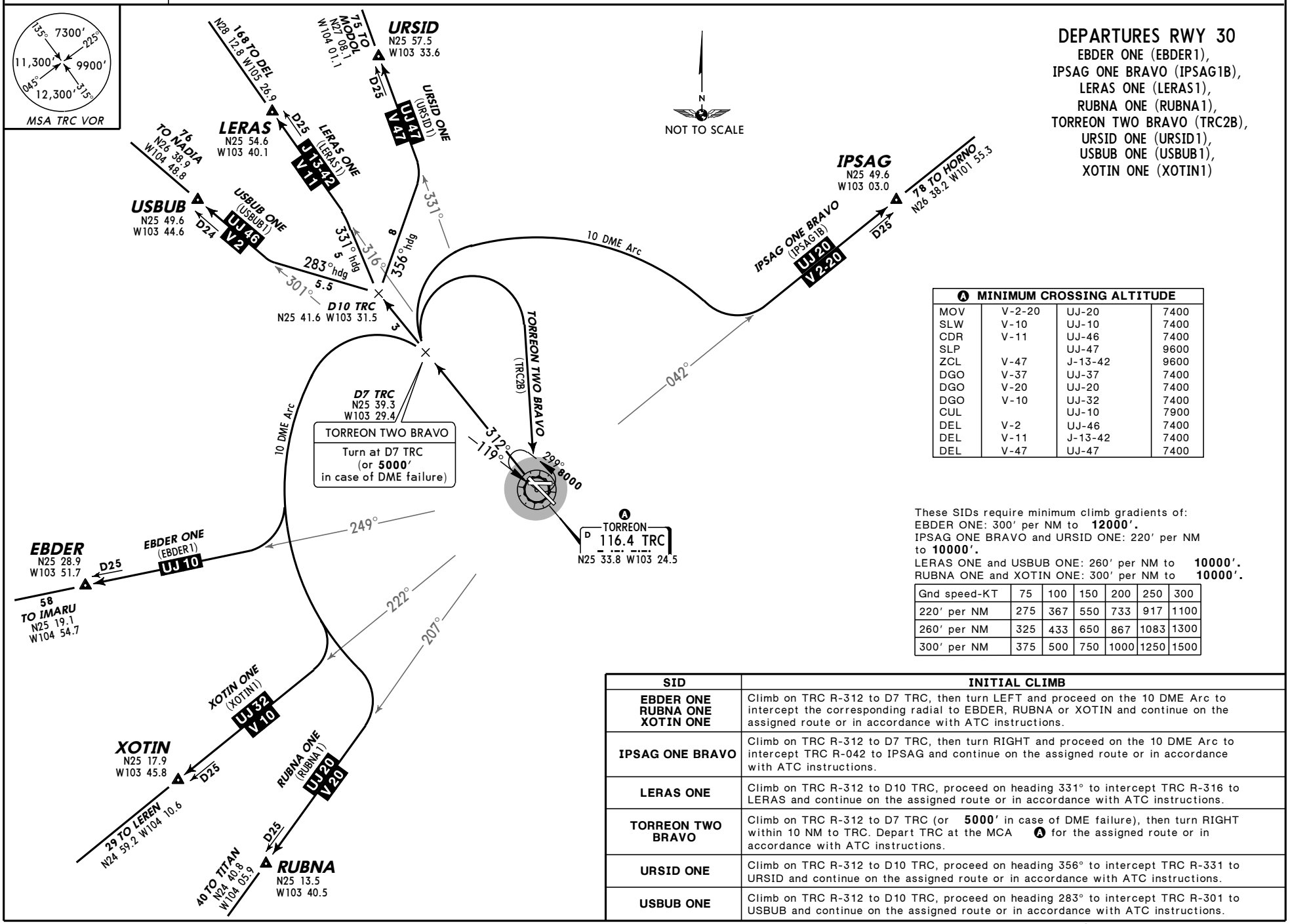
MMTC/TRC
TORREON INTL

JEPPESEN
28 MAY 10 (10-3A) Eff 3 Jun

TORREON, MEXICO
SID

Apt Elev
3688′

Trans level: FL195 Trans alt: 18500′



DEPARTURES RWY 30

EBDER ONE (EBDER1),
IPSAG ONE BRAVO (IPSAG1B),
LERAS ONE (LERAS1),
RUBNA ONE (RUBNA1),
TORREON TWO BRAVO (TRC2B),
URSID ONE (URSID1),
USBUB ONE (USBUB1),
XOTIN ONE (XOTIN1)

Ⓐ MINIMUM CROSSING ALTITUDE			
MOV	V-2-20	UJ-20	7400
SLW	V-10	UJ-10	7400
CDR	V-11	UJ-46	7400
SLP		UJ-47	9600
ZCL	V-47	J-13-42	9600
DGO	V-37	UJ-37	7400
DGO	V-20	UJ-20	7400
DGO	V-10	UJ-32	7400
CUL		UJ-10	7900
DEL	V-2	UJ-46	7400
DEL	V-11	J-13-42	7400
DEL	V-47	UJ-47	7400

These SIDs require minimum climb gradients of:
EBDER ONE: 300′ per NM to **12000′.**
IPSAG ONE BRAVO and URSID ONE: 220′ per NM to **10000′.**
LERAS ONE and USBUB ONE: 260′ per NM to **10000′.**
RUBNA ONE and XOTIN ONE: 300′ per NM to **10000′.**

Gnd speed-KT	75	100	150	200	250	300
220′ per NM	275	367	550	733	917	1100
260′ per NM	325	433	650	867	1083	1300
300′ per NM	375	500	750	1000	1250	1500

SID	INITIAL CLIMB
EBDER ONE RUBNA ONE XOTIN ONE	Climb on TRC R-312 to D7 TRC, then turn LEFT and proceed on the 10 DME Arc to intercept the corresponding radial to EBDER, RUBNA or XOTIN and continue on the assigned route or in accordance with ATC instructions.
IPSAG ONE BRAVO	Climb on TRC R-312 to D7 TRC, then turn RIGHT and proceed on the 10 DME Arc to intercept TRC R-042 to IPSAG and continue on the assigned route or in accordance with ATC instructions.
LERAS ONE	Climb on TRC R-312 to D10 TRC, proceed on heading 331° to intercept TRC R-316 to LERAS and continue on the assigned route or in accordance with ATC instructions.
TORREON TWO BRAVO	Climb on TRC R-312 to D7 TRC (or **5000′** in case of DME failure), then turn RIGHT within 10 NM to TRC. Depart TRC at the MCA Ⓐ for the assigned route or in accordance with ATC instructions.
URSID ONE	Climb on TRC R-312 to D10 TRC, proceed on heading 356° to intercept TRC R-331 to URSID and continue on the assigned route or in accordance with ATC instructions.
USBUB ONE	Climb on TRC R-312 to D10 TRC, proceed on heading 283° to intercept TRC R-301 to USBUB and continue on the assigned route or in accordance with ATC instructions.

CHANGES: LERAS and URSID SIDs procedure heading, USBUB ONE SID added, minimum crossing altitudes.

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MMTC/TRC TORREON INTL

JEPPESEN 28 MAY 10 (13-1) Eff 3 Jun

TORREON, MEXICO VOR DME-1 Rwy 12

BRIEFING STRIP ™

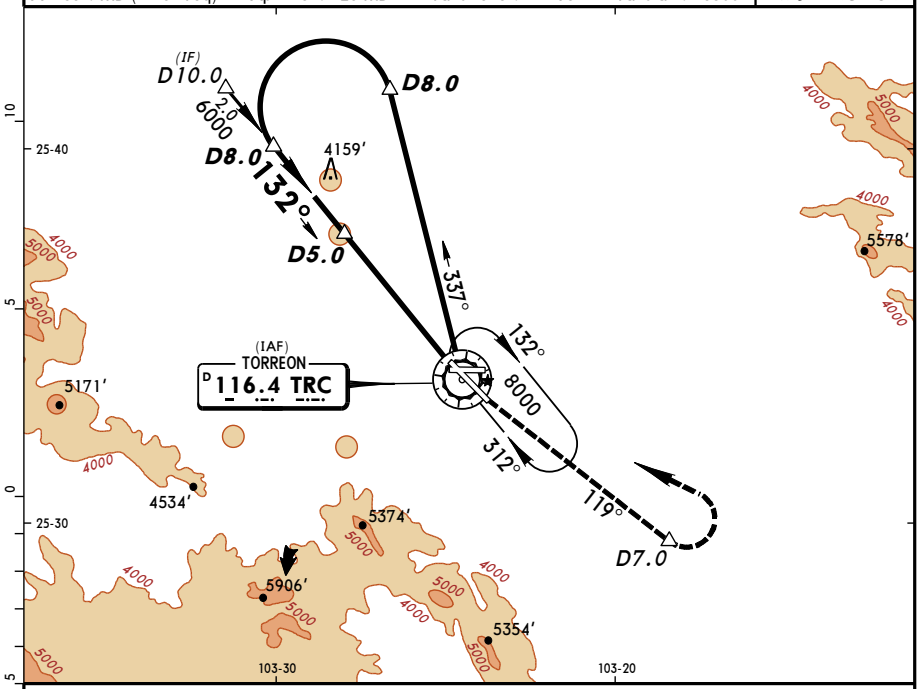
*TORREON Approach	*TORREON Tower
119.6	118.5

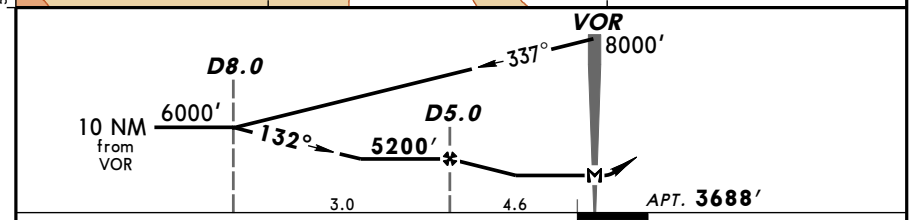
VOR TRC	Final Apch Crs	Minimum Alt	MDA(H)	Apt Elev
116.4	132°	D5.0 5200′ (1512′)	4120′ (432′)	3688′

MISSED APCH: Climb outbound on TRC VOR R-119 until D7.0 with a teardrop turn to the LEFT within 10 NM to TRC VOR to the minimum holding altitude.

Alt Set: MB (IN on req) Apt Elev: 128 MB Trans level: FL 195 Trans alt: 18500′

MSA TRC VOR: 135° 7300′, 225° 9900′, 045° 11,300′, 315° 12,300′





MAP at VOR	REIL PAPI-L	TRC on 116.4 R-119	D7.0

STRAIGHT-IN LANDING RWY 12 MDA(H) 4120′ (432′)		CIRCLE-TO-LAND Max Kts	MDA(H)
A	1	90	4300′ (612′) -1
B		120	
C	1¼	140	4300′ (612′) -1¾
D	1½	165	4440′ (752′) -2½

CHANGES: Procedure track.

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MMTC/TRC TORREON INTL

JEPPESEN 28 MAY 10 (13-2) Eff 3 Jun

TORREON, MEXICO VOR DME-2 Rwy 12

BRIEFING STRIP ™

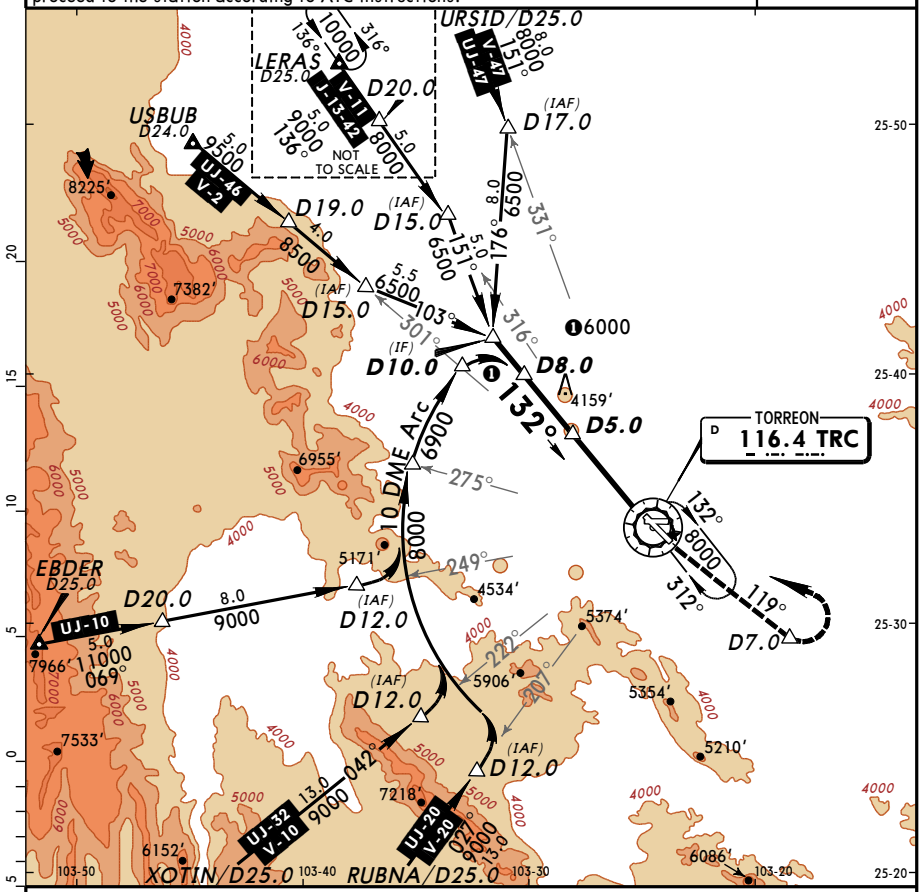
*TORREON Approach	*TORREON Tower
119.6	118.5

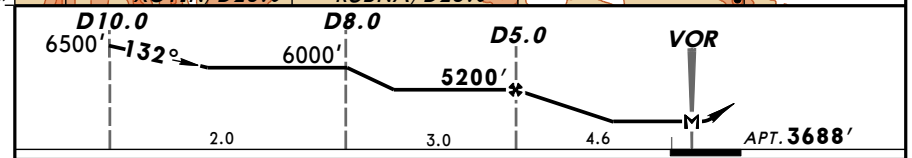
VOR TRC	Final Apch Crs	Minimum Alt	MDA(H)	Apt Elev
116.4	132°	D5.0 5200′ (1512′)	4120′ (432′)	3688′

MISSED APCH: Climb outbound on TRC VOR R-119 until D7.0 with a teardrop turn to the LEFT within 10 NM to TRC VOR to the minimum holding altitude.

Alt Set: MB (IN on req) Apt Elev: 128 MB Trans level: FL 195 Trans alt: 18500′
1. In case of DME failure at any point in this procedure, maintain last altitude and proceed to the station according to ATC instructions.

MSA TRC VOR: 135° 7300′, 225° 9900′, 045° 11,300′, 315° 12,300′





MAP at VOR	REIL PAPI-L	TRC on 116.4 R-119	D7.0

STRAIGHT-IN LANDING RWY 12 MDA(H) 4120′ (432′)		CIRCLE-TO-LAND Max Kts	MDA(H)
A	1	90	4300′ (612′) -1
B		120	
C	1¼	140	4300′ (612′) -1¾
D	1½	165	4440′ (752′) -2½

CHANGES: Approach transitions.

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MMTC/TRC
TORREON INTL

JEPPESEN 28 MAY 10 (13-3) Eff 3 Jun

TORREON, MEXICO
VOR Rwy 12

*TORREON Approach	*TORREON Tower
119.6	118.5

BRIEFING STRIP

VOR TRC 116.4	Final Apch Crs 132°	No FAF	MDA(H) 4400′ (712′)	Apt Elev 3688′

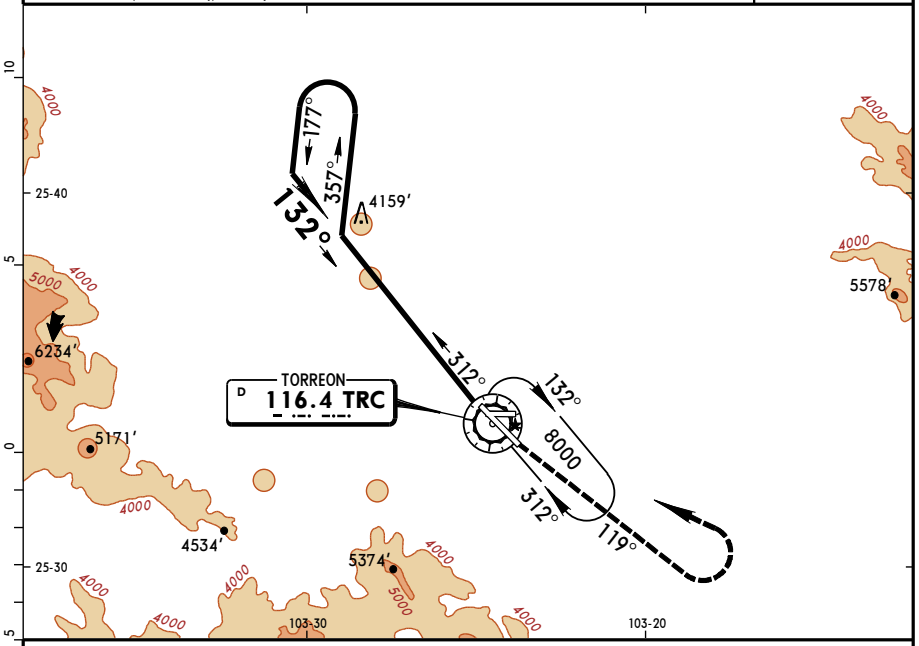
MISSED APCH: Climb outbound on TRC VOR R-119 with a teardrop turn to the LEFT within 10 NM to TRC VOR to the minimum holding altitude.

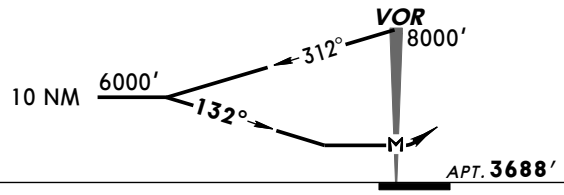
MAX TIME TO TURN.

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

Alt Set: MB (IN on req) Apt Elev: 128 MB Trans level: FL 195 Trans alt: 18500′

MSA TRC VOR: 135° 7300′, 225°, 11,300′, 9900′, 045°, 12,300′, 315°





MAP at VOR								REIL PAPI-L	↑	TRC on 116.4 R-119

STRAIGHT-IN LANDING RWY 12		CIRCLE-TO-LAND	
MDA(H) 4400′ (712′)		Max Kts	MDA(H)
A	1	90	4400′ (712′)-1
B		120	
C	2	140	4400′ (712′)-2
D	2¼	165	4440′ (752′)-2½

CHANGES: None.

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MMTC/TRC
TORREON INTL

JEPPESEN 28 MAY 10 (13-4) Eff 3 Jun

TORREON, MEXICO
VOR DME-1 Rwy 30

*TORREON Approach	*TORREON Tower
119.6	118.5

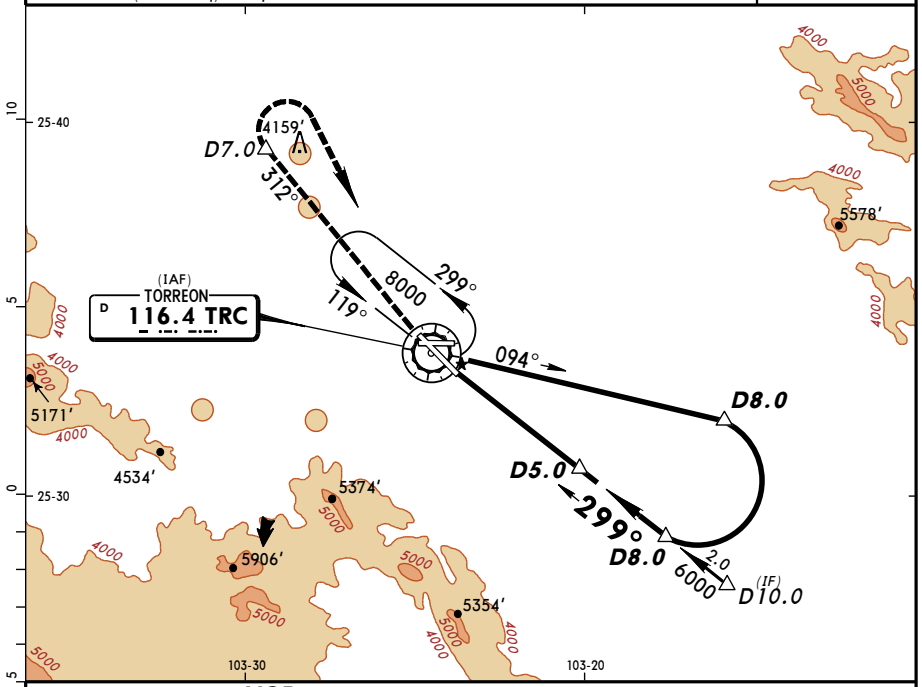
BRIEFING STRIP

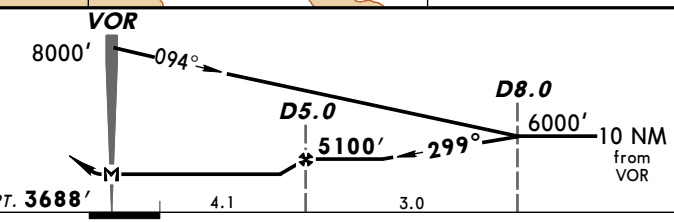
VOR TRC 116.4	Final Apch Crs 299°	Minimum Alt D5.0 5100′ (1412′)	MDA(H) 4120′ (432′)	Apt Elev 3688′

MISSED APCH: Climb outbound on TRC VOR R-312 until D7.0 with a teardrop turn to the RIGHT within 10 NM to TRC VOR to the minimum holding altitude.

Alt Set: MB (IN on req) Apt Elev: 128 MB Trans level: FL 195 Trans alt: 18500′

MSA TRC VOR: 135° 7300′, 225°, 11,300′, 9900′, 045°, 12,300′, 315°





MAP at VOR								REIL PAPI-L	↑	TRC on 116.4 R-312	D7.0

STRAIGHT-IN LANDING RWY 30		CIRCLE-TO-LAND	
MDA(H) 4120′ (432′)		Max Kts	MDA(H)
A	1	90	4300′ (612′)-1
B		120	
C	1¼	140	4300′ (612′)-1¾
D	1½	165	4440′ (752′)-2½

CHANGES: Procedure track.

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MMTC/TRC
TORREON INTL

JEPPESEN 28 MAY 10 (13-5) Eff 3 Jun

TORREON, MEXICO
VOR DME-2 Rwy 30

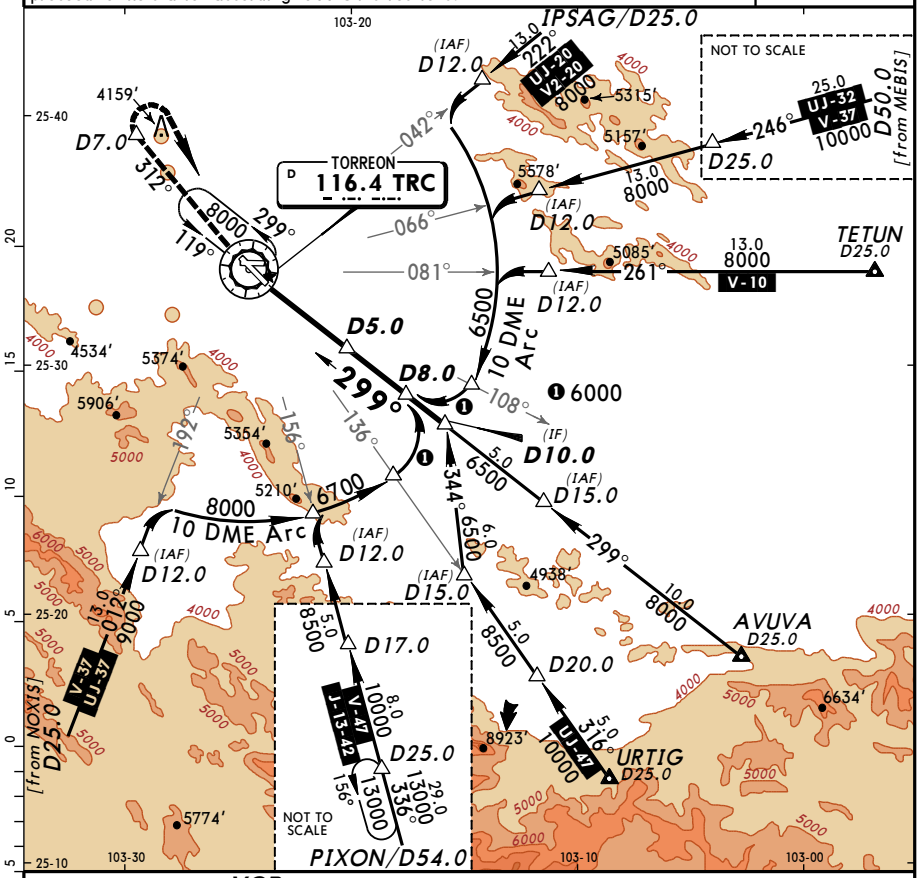
*TORREON Approach	*TORREON Tower
119.6	118.5

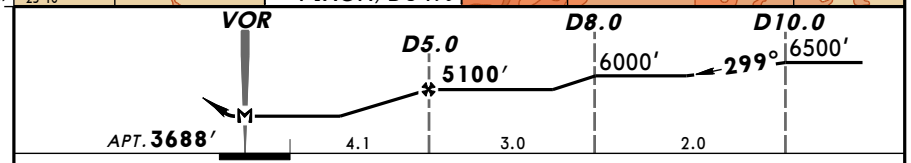
VOR	Final Apch Crs	Minimum Alt	MDA(H)	Apt Elev
TRC 116.4	299°	D5.0 5100′ (1412′)	4120′ (432′)	3688′

MISSED APCH: Climb outbound on TRC VOR R-312 until D7.0 then turn RIGHT within 10 NM to TRC VOR to the minimum holding altitude.

Alt Set: MB (IN on req) Apt Elev: 128 MB Trans level: FL 195 Trans alt: 18500′
1. In case of DME failure at any point in this procedure, maintain last altitude and proceed to the station according to ATC instructions.

MSA TRC VOR: 7300′ (135°–225°), 9900′ (045°–315°), 11,300′, 12,300′





MAP at VOR							REIL PAPI-L	↑	on TRC 116.4 R-312	D7.0

STRAIGHT-IN LANDING RWY 30		CIRCLE-TO-LAND	
MDA(H) 4120′ (432′)		Max Kts	MDA(H)
A	1	90	4300′ (612′)-1
B		120	
C	1¼	140	4300′ (612′)-1¾
D	1½	165	4440′ (752′)-2½

CHANGES: Transitions.

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JEPPESEN
JeppView 3.7.3.0

MMTC/TRC
TORREON INTL

JEPPESEN 21 AUG 09 (13-6) Eff 27 Aug

TORREON, MEXICO
VOR Rwy 30

*TORREON Approach	*TORREON Tower
119.6	118.5

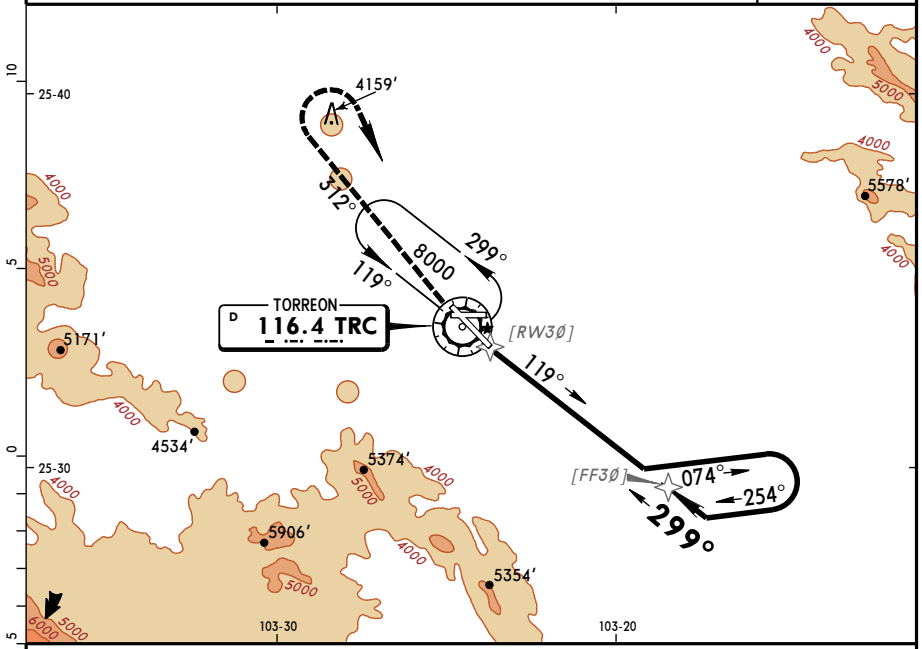
VOR	Final Apch Crs		MDA(H)	Apt Elev
TRC 116.4	299°	No FAF	4400′ (712′)	3688′

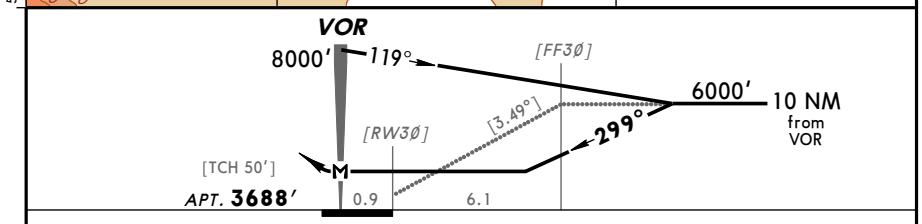
MISSED APCH: Climb outbound on TRC VOR R-312 with a teardrop turn to the RIGHT within 10 NM to TRC VOR to the minimum holding altitude.

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

Alt Set: MB (IN on req) Apt Elev: 128 MB Trans level: FL 195 Trans alt: 18500′

MSA TRC VOR: 7300′ (135°–225°), 9900′ (045°–315°), 11,300′, 12,300′





Gnd speed-Kts	70	90	100	120	140	160
Descent angle [3.49°]	432	556	618	741	865	988
MAP at VOR						

REIL PAPI-L ↑ on TRC 116.4 R-312

STRAIGHT-IN LANDING RWY 30		CIRCLE-TO-LAND	
MDA(H) 4400′ (712′)		Max Kts	MDA(H)
A	1	90	4400′ (712′)-1
B		120	
C	2	140	4400′ (712′)-2
D	2¼	165	4440′ (752′)-2½

CHANGES: Lighting.

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MMTC/TRC

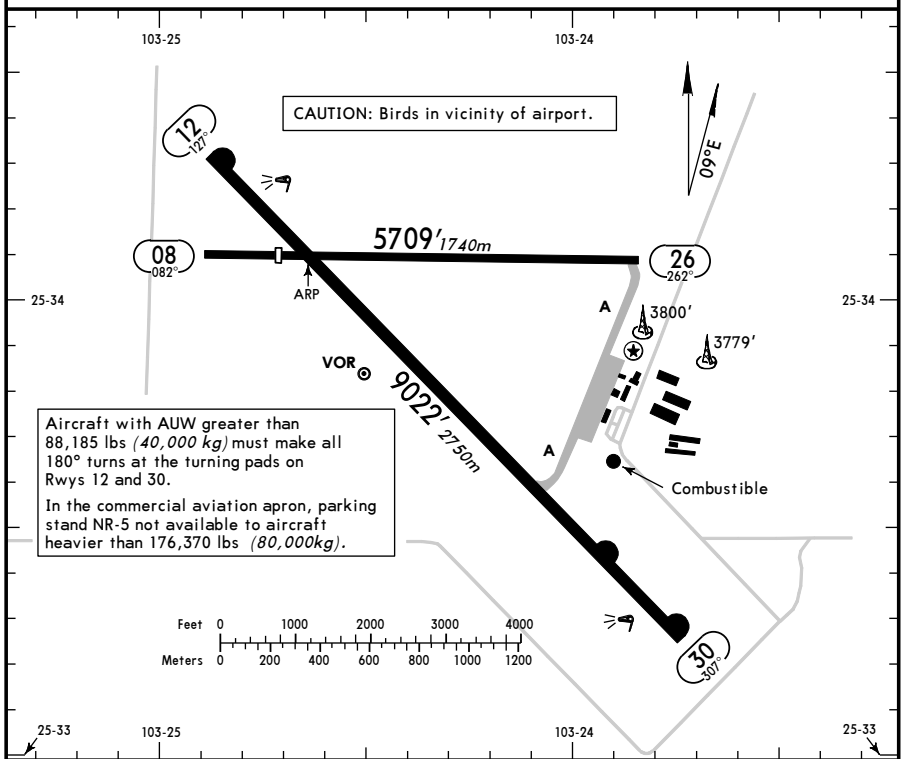
Apt Elev **3688'**
N25 34.1 W103 24.6

JEPPESEN
28 MAY 10 (13-1) Eff 3 Jun

TORREON, MEXICO

TORREON INTL

*TORREON Tower 118.5



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS — LANDING BEYOND — Threshold	Glide Slope	TAKE-OFF	WIDTH
08 ❶ 26		4724' 1440m		4724' 1440m	98' 30m
12 30	HIRL REIL PAPI-L (angle 3.0°)				148' 45m

❶ Used for landing and take-offs for aircraft with MTOW 6,614 lbs (3,000 kg), and used as taxiway for aircraft with MTOW of 31,251 lbs (14,175 kg).

TAKE-OFF	Rwys 12, 30	Rwys 08, 26 DAY	Rwys 08, 26 NIGHT	FOR FILING AS ALTERNATE	
1 & 2 Eng	1	VFR	NOT APPLICABLE	A B C D	800-2
3 & 4 Eng	1/2				

CHANGES: Notes.

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