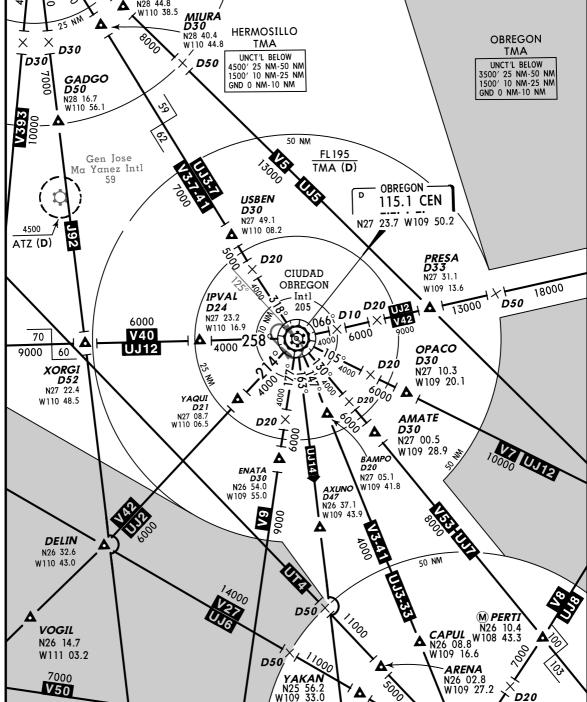
(10-1B)

CIUDAD OBREGON, MEXICO

26 NOV 10 JEPPESEN CIUDAD OBREGON INTL *ATIS *OBREGON Approach 127.6 118.3 SPEED RESTRICTIONS WITHIN MEXICO AIRSPACE Maximum IAS unless otherwise depicted or authorized by ATC At or below 3000' AGL within 10NM of any airport..... At or below 10000' MSL within Mexico airspace.. WITHIN HERMOSILLO TMA At or below 4000' MSL of Gen Ignacio Pesqueira Garcia Intl Apt and within 10NM of HMO VORDME..... WITHIN OBREGON TMA At or below 3200' MSL of Obregon Intl Apt and within 10NM of CEN VOR... ORTIZ **D30** N28 44.8 W110 38.5 MIURA D30 N28 40.4 W110 44.8 **HERMOSILLO OBREGON** X X TMA D30 **TMA** UNCT'L BELOW 4500' 25 NM-50 NM 1500' 10 NM-25 NM TD30 D50 UNCT'L BELOW 3500' 25 NM-50 NM 1500' 10 NM-25 NM GADGO D50 GND 0 NM-10 NM GND 0 NM-10 NM N28 16.7 W110 56.



MMCN/CEN CIUDAD OBREGON INTL

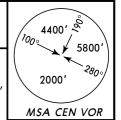
JEPPESEN CIUDAD OBREGON, MEXICO 10-3) Eff 5 May 29 APR 11

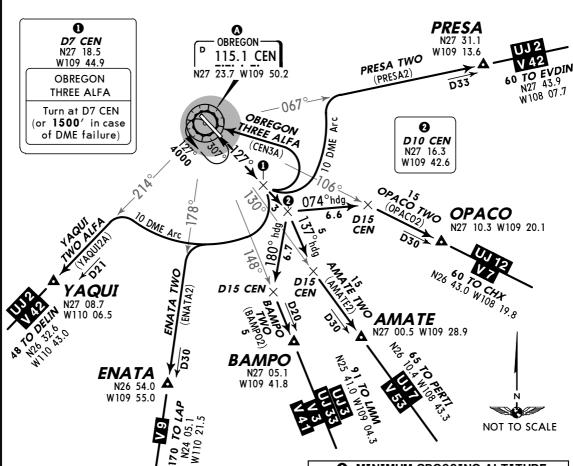
Apt Elev 205'

Trans level: FL195 Trans alt: 18500'

DEPARTURES RWY 13

AMATE TWO (AMATE2), BAMPO TWO (BAMPO2), ENATA TWO (ENATA2), OBREGON THREE ALFA (CEN3A), OPACO TWO (OPACO2), PRESA TWO (PRESA2), YAQUI TWO ALFA (YAQUI2A) YAQU2A1





These SIDs require a minimum climb gradient: OPACO TWO and PRESA TWO:

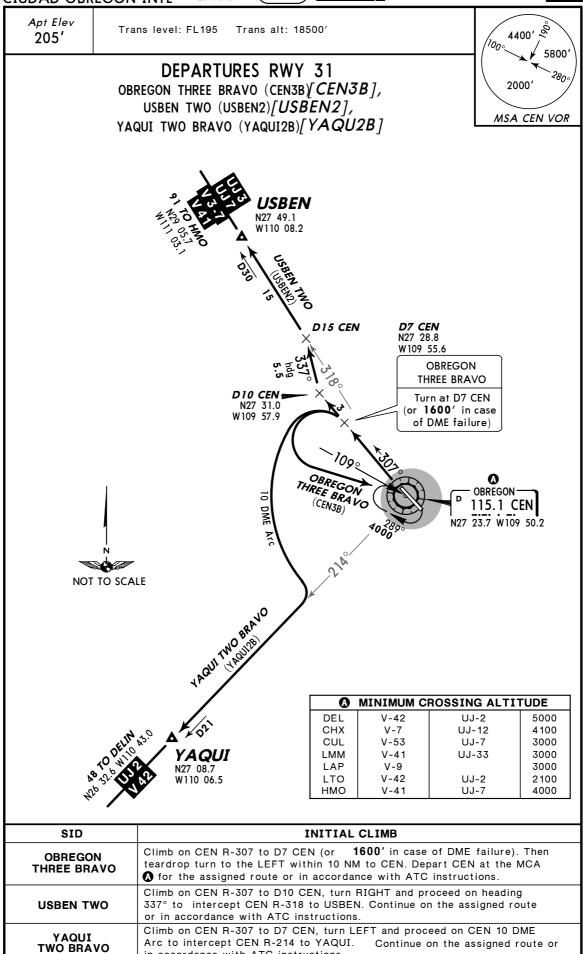
240' per NM to 5000'.

Gnd speed-KT	75	100	150	200	250	300
240' per NM	300	400	600	800	1000	1200

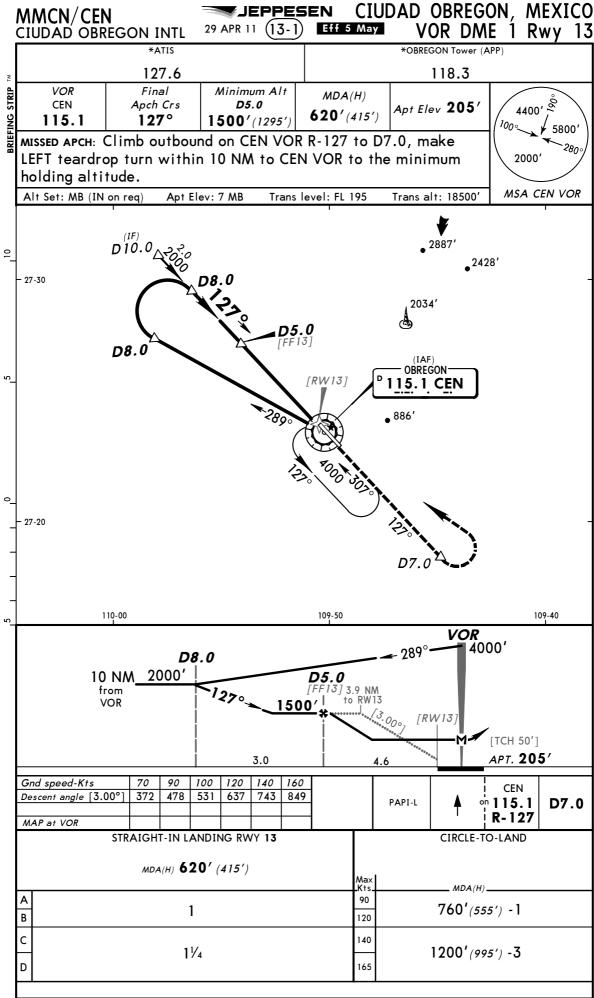
MINIMUM CROSSING ALTITUDE					
DEL	V-42	UJ-2	5000		
CHX	V-7	UJ-12	4100		
CUL	V-53	UJ-7	3000		
LMM	V-41	UJ-33	3000		
LAP	V-9		3000		
LTO	V-42	UJ-2	2100		
HMO	V-41	UJ-7	4000		

	<u> </u>
SID	INITIAL CLIMB
AMATE TWO	Climb on CEN R-127 to D10 CEN, turn RIGHT and proceed on heading 137° to intercept CEN R-130 to AMATE. Continue on the assigned route or in accordance with ATC instructions.
BAMPO TWO	Climb on CEN R-127 to D10 CEN, turn RIGHT and proceed on heading 180° to intercept CEN R-148 to BAMPO. Continue on the assigned route or in accordance with ATC instructions.
ENATA TWO YAQUI TWO ALFA	Climb on CEN R-127 to D7 CEN, turn RIGHT and proceed on CEN 10 DME Arc to intercept the corresponding radial from CEN to ENATA or YAQUI. Continue on the assigned route or in accordance with ATC instructions.
OBREGON THREE ALFA	Climb on CEN R-127 to D7 CEN (or 1500' in case of DME failure). Then teardrop turn to the LEFT within 10 NM to CEN. Depart CEN at the MCA for the assigned route or in accordance with ATC instructions.
OPACO TWO	Climb on CEN R-127 to D10 CEN, turn LEFT and proceed on heading 074° to intercept CEN R-106 to OPACO. Continue on the assigned route or in accordance with ATC instructions.
PRESA TWO	Climb on CEN R-127 to D7 CEN, turn LEFT and proceed on CEN 10 DME Arc to intercept CEN R-067 to PRESA. Continue on the assigned route or in accordance with ATC instructions.

MMCN/CEN CIUDAD OBREGON INTL JEPPESEN CIUDAD OBREGON, MEXICO
29 APR 11 (10-3A) Eff 5 May SID



in accordance with ATC instructions.

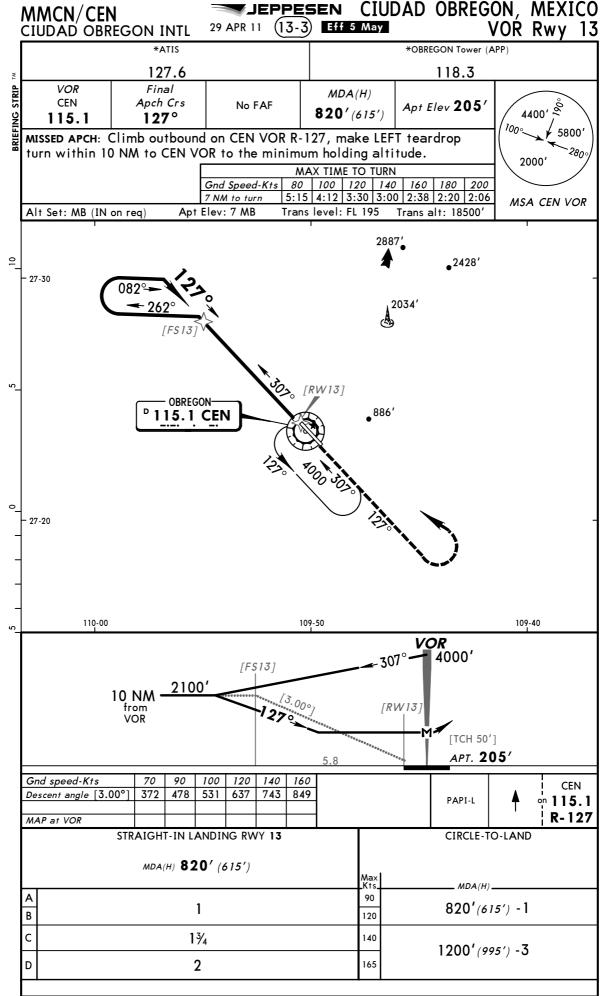


MMCN/CEN Apt Elev 205'	JEPPESI	_			30N, MI	
N27 23.6 W109 50.0	29 APR 11 (13-1)	Eff 5 May			OBREGO	N INI
*ATIS 127.6				REGON Tow 118.3	/er	
- 109-51 	109-50			×.	109-49	-
CAUTION: Birds in the Taxiway A not visible Rwy 13 right-hand circ	vicinity of airport. from tower.	-ARP	13)			27-24 —
— 27-23		Elev 205'	(3/			27-23 —
-						-
- - N	Feet 0 1000 200 	0 3000 400 	0 5000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			-
	109-50)			109-49	-
_, , , , , , , ,	ADDITIONAL RUNV		ION USABLE ING BEYO	LENGTH	S	
RWY		Thresho	1	e Slope	TAKE-OFF	WIDTH
31 HIRL PAPI-L (angle	3.0°)					148′ 45m
	TAKE-OFF			FOR I	FILING AS AL	TERNATE
	All Rwys					
1 & 2 Eng	400-1			A B	900.0	
3 & 4 Eng	300-1/2			C D	800-2	
For departure procedures and M Cuidad Obregon Departures 10-7				•		

JEPPESEN CIUDAD OBREGON, MEXICO

MMCN/CEN (13-2) Eff 5 May VOR DME 2 Rwy 13 29 APR 11 CIUDAD OBREGON INTL *ATIS *OBREGON Tower (APP) 127.6 118.3 VOR Final Minimum Alt SRIEFING STRIP MDA(H)Apch Crs D5.0 CEN 4400' % Apt Elev 205' 620' (415') 127° 115.1 1500' (1295') 100° 5800 MISSED APCH: Climb outbound on CEN VOR R-127 to D7.0, make LEFT teardrop turn within 10 NM to CEN VOR to the minimum 280 2000' holding altitude. Alt Set: MB (IN on req) Apt Elev: 7 MB Trans level: FL 195 Trans alt: 1850

1. In case of DME failure at any point during the procedure, maintain last altitude and Trans alt: 18500 MSA CEN VOR proceed to the station in accordance with ATC instructions. **USBEN** 27-40 D20.0 D 15.0 20 NOT TO SCALE 20002887 D10.0 2428′ - 27-30 D8.0 2034 D5.0 **1**2000 OBREGON-9 [RW13] 115.1 CEN 886′ 260 C 27-20 D7.0 D12.0 NOT TO 110-10 109-50 109-40 YAQUI **VOR** D8.0 D5.0 20001 [RW13] 1500 [TCH 50'] APT. 205' 3.0 4.6 Gnd speed-Kts 70 90 100 120 140 160 CEN Descent angle [3.00°] 372 478 531 637 743 849 D7.0 PAPI-L on 115.1 R-127 MAP at VOR STRAIGHT-IN LANDING RWY 13 CIRCLE-TO-LAND MDA(H) **620'** (415') MDA(H) 90 760′(555′) -1 1 В 120 C 140 1200'(995') -3 11/4 165 D



JEPPESEN CIUDAD OBREGON, MEXICO MMCN/CEN (13-4) Eff 5 May 29 APR 11 VOR DME 1 Rwy 31 CIUDAD OBREGON INTL *OBREGON Tower (APP) 127.6 118.3 **VOR** Final Minimum Alt MDA(H) 4400' 8 Apch Crs CEN D5.0 Apt Elev 205' 620' (415') 307° 115.1 1300'(1095') 5800 MISSED APCH: Climb outbound on CEN VOR R-307 to D7.0, make LEFT teardrop turn within 10 NM to CEN VOR to the minimum 2000' holding altitude. Alt Set: MB (IN on req) Apt Elev: 7 MB Trans alt: 18500' MSA CEN VOR Trans level: FL 195 2428′ 27-30 10 D7.0 2034' (IAF) **OBREGON** 115.1 CEN 886 D8.0 - 27-20 D 10.0 110-00 109-40 109-50 **VOR** 4000' 109° D8.0 2100' 10 NM D5.0 D1.4 from 1300' [MA31] VOR [TCH 50'] APT. 205' 0.5 3.0 Gnd speed-Kts 90 100 120 140 160 CEN 372 478 531 637 743 849 Descent angle [3.00°] on 115.1 PAPI-L D7.0 R-307 MAP at D1.4 STRAIGHT-IN LANDING RWY 31 CIRCLE-TO-LAND MDA(H) **620'** (415') MDA(H) 90 1 760′(555′) -1 В 120 140 1200'(995') -3 11/4 165

