TMA

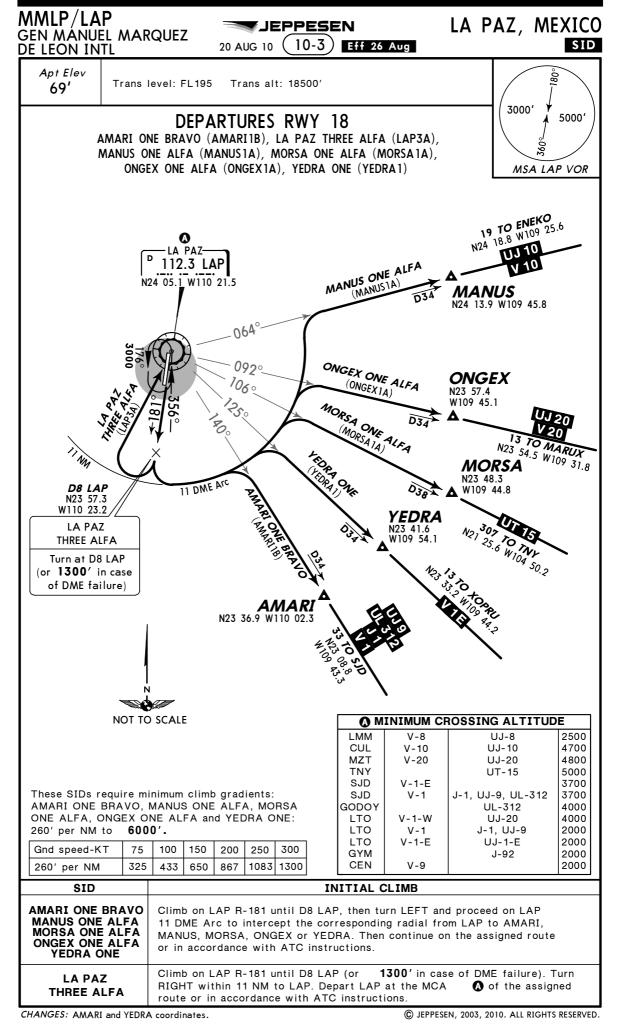
## JEPPESEN

26 NOV 10

(10-1B)

LA PAZ, MEXICO GEN MANUEL MARQUEZ DE LEON INTL

\*LA PAZ Approach \*ATIS 127.9 120.6 SPEED RESTRICTIONS WITHIN MEXICO AIRSPACE MAXIMUM IAS UNLESS OTHERWISE DEPICTED OR AUTHORIZED BY ATC At or below 3000' AGL within 10NM of any airport .... WITHIN LA PAZ TMA At or below 3100' MSL of Gen Manuel Marquez De Leon Intl Apt and within 10NM of LAP VORDME . At or below 10,100' MSL within 30NM of LAP VORDME ......250 KTS WITHIN SAN JOSE DEL CABO TMA LOS MOCHIS TMA (D) **IPSEB** N25 16.0 W110 31.0 D69 URVÍN I D50 N24 57.9 W109 39.3 50 NM GODOY N24 54.8 W111 07.8 ALOVA D25 FL 195 TMA(D) N24 30.0 W110 24.8 **DURTU** D25 **ENEKO** LA PAZ TMA (D) N24 29.9 N24 18.8 W109 25.6 W110 17.7 UNCT'L BELOW XOMSA **D25** N24 25.4 W110 05.4 4500′ 25 NM-50 NM 1500′ 10 NM-25 NM GND 0 NM-10 NM MM(R)-415 **D25** N24 24.2 W110 39<sub>.2</sub> MANUS TULES TOO N24 13.9 W109 45.8 **B**UL and UT routes within 52 **D25** N24 27.8 7000 Mexico usable only for 9000 aircrafy equipped with RNAV. V10 ONGEX 7000 <sup>D</sup> 112.3 LAP N23 57.4 W109 45.1 V20 MARUX N23 54 5 MM(P)-400 N24 05.1 W110 21.5 12000 10000 GND **L**A PAZ MORSA Gen Manuel Punta N23 48.3 W109 44.8 Marquez De 3500 PASOS YEDRA N23 42.6 W110 52.9 25 NM 69 XOPRU D24 N23 33.2 D25 **(** MUSER D25 N23 30.0 W109 28. 3000 SAN JOSE DEL CABO TMA (\*D) UNCT'L BELOW 3000 1500' 10 NM-25 NM GND 0 NM-10 NM SAN JOSE DEL CABO Los Cabos Intl 374 07 CABOS D 114.0 SJD N23 08.8 W109 43.3 Not To Scale



MMLP/LAP

LA PAZ, MEXICO JEPPESEN GEN MANUEL MARQUEZ 20 AUG 10 (10-3A) Eff 26 Aug DE LEON INTL Apt Elev Trans level: FL195 Trans alt: 18500' 69' 3000' 5000 **DEPARTURES RWY 36** ALOVA ONE (ALOVA1), DURTU ONE (DURTU1), LA PAZ TWO BRAVO (LAP2B), MANUS ONE BRAVO (MANUS1B), MORSA ONE BRAVO (MORSA1B), ONGEX ONE BRAVO (ONGEX1B), ORCAS ONE (ORCAS1), MSA LAP VOR TULES ONE (TULES1), XOMSA ONE BRAVO (XOMSA1B) อีฉี 5 ALOVA *DURTU* N24 30.0 N24 29.9 Δ NOT TO SCALE W110 24.8 🛕 6 W110 17.7 N24 27.8 AW110 33.2 ONETU1 XOMSA D15 > **D11 LAP** N24 16.1 ORCAS W110 05.4 LAP TO ENEKO N24 24.2 W110 39.2 W110 20.2 W109 25.6 MANUS UU 10 V 10 W109 45.8 MANUS ONE BRAVO (MANUS 1B) Θ **D8 LAP** N24 13.1 W110 20.6 **(3**) **ONGEX** 064 356° ΙΑ ΡΑ7 W109 45 1 ONGEX ONE BRAVO TO MARUX 0920 TWO BRAVO (ONGEX 1B) N23 54.5 W109 31.8 0 106° Turn at D8 LAP -LA PAZ (or 1700' in case UJ 20 112.3 LAP MORSA ONE BRAVO D34 of DME failure) V 20 N24 05.1 W110 21.5 MINIMUM CROSSING ALTITUDE I MM V-8 UJ-8 2500 O D38 🛣 🛕 V-10 UJ-10 CUI 4700 LA PAZ TWO BRAVO MZT V-20 UJ-20 4800 *MORSA* (LAP2B) TNY UT-15 5000 N23 48.3 W109 44.8 SJD V-1-E 3700 These SIDs require minimum climb gradients: SJD V-1 J-1, UJ-9, UL-312 3700 MANUS ONE BRAVO, MORSA ONE BRAVO, GODOY UL-312 4000 ONGEX ONE BRAVO and XOMSA ONE BRAVO: V-1-W UJ-20 LTO 4000 280' per NM to 6000'. LTO V - 1 J-1, UJ-9 2000 LTO V-1-E UJ-1-E 2000 Gnd speed-KT 75 100 150 200 250 300 CEN V-9 2000 1400 280' per NM 350 467 700 933 1167 SID **INITIAL CLIMB** Climb on LAP R-356 to D11 LAP, turn LEFT and proceed on heading 313° **ALOVA ONE** until intercepting LAP R-343 to ALOVA. Continue on assigned route or in accordance with ATC instructions. Climb on LAP R-356 to D11 LAP. Continue to climb until intercepting LAP R-357 to DURTU. Continue on assigned route or in accordance **DURTU ONE** with ATC instructions. 1700' in case of DME failure). Then Climb on LAP R-356 to D8 LAP (or LA PAZ TWO BRAVO tear drop turn to the LEFT within 11 DME LAP. Depart LAP at the MCA (A) of the assigned route or in accordance with ATC instructions. Climb on LAP R-356 to D8 LAP, then turn RIGHT and proceed on LAP **MANUS ONE BRAVO** MORSA ONE BRAVO 11 DME Arc until intercepting the corresponding radial from LAP to **ONGEX ONE BRAVO** MANUS, MORSA, ONGEX or XOMSA. Continue on the assigned route or **XOMSA ONE BRAVO** in accordance with ATC instructions Climb on LAP R-356 to D8 LAP, turn LEFT and proceed on LAP 11 DME ORCAS ONE Arc until intercepting the corresponding radial from LAP to ORCAS or **TULES ONE** TULES. Continue on the assigned route or in accordance with ATC instructions

1 APR 11 **Eff 7 Apr** MMLP/LAP (11-1) ILS DME 1 or LOC Rwy 18 GEN MANUEL MARQUEZ DE LEON INTL \*LA PAZ Tower \*ATIS \*LA PAZ Approach 127.9 120.6 118.1 GS D6.3 ILAP D6.0 LAP ILS DA(H) LOC Final Apt Elev 69' Apch Crs ILAP (CONDITIONAL) 177° 110.5 TDZE **36**′ **2036'** (2000') **261**′ (225′) 3000' 5000' MISSED APCH: Climb outbound on LAP VOR R-181 to D7.0 LAP, make a RIGHT teardrop turn to LAP VOR within 10 NM to the minimum holding altitude. Alt Set: MB (IN on req) TDZ Elev: 1 MB Trans level: FL 195 Trans alt: 18500' MSA LAP VOR **D9.0** LAP **D9.0**LAP 9 MM(R)-415 2264 **D6.3** ILAP **D6.0** LAP 1640 <del>-</del> 24-10 **0**1050′ 2887′ ILS DME 177° 110.5 ILAP 2133' **D0.7** ILAP 4200 **DO.4** LAP 1181′ -LA PAZ-112.3 LAP ·1388′ 24-00 2461' D7.0 110-20 3000 110-10 110-30 **D9.0** LAP **VOR D6.3** ILAP **D6.0** LAP 338°₋ 3000' 2700' **D0.7** ILAP **D0.4** LAP GS 2036 -11 NM 7 2000 TCH 53' TDZE **36**′ 3.0 Gnd speed-Kts 90 120 140 160 70 100 LAP 3.00° 377 484 538 753 RFII 646 861 D7.0 on 112.3 PAPI-L LAP R-181 FAF to MAP 6.1 | 5:14 | 4:04 | 3:40 | 3:03 | 2:37 | 2:17 STRAIGHT-IN LANDING RWY 18 CIRCLE-TO-LAND LOC (GS out) DA(H) 261' (225') MDA(H) **540'** (504') MDA(H)\_ 90 1 680'(611')-1 120 В 3/4 140 C 11/4 680'(611')-13/4 D 11/2 680'(611')-2 165 DA(H) 286'(250') 11/2

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MMLP/LAP	)	JEPPE	SEN			L/	PAZ,	ME	XICC
Apt Elev <b>69</b> ' N24 04.4 W110 21	.8 I	1 APR 11 Eff 7 Apr 11-1	) GEI	N MANU	EL MA				
	*ATIS			*LA PAZ Tower					
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_ 24-04		79	$8202^{\prime_{2500m}}$	24-04	- <del>- 24</del>	-04.7	76_	1	24-04.7 T
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110-23 -	1 1 1 1	110-22	1 1	1 1 1	24	-04.4	110-22.0 I		24-04.4 -
RWY		ADDITIONAL RUNW	AY INFO	ORMATION L — LANDINO Threshold	JSABLE BEYOI	ND -		OFF	WIDTH
18 HIRL R	REIL PAPI-L (angl	e 3.0°)		Till estiola	Olluc	<i>,</i> 510p	JC TARE	011	148' 45m
36	(3.3)								45m
		TAKE-OFF				FO	R FILING AS	S ALTE	RNATE
	All Rwys					Precision Non-Precision			
1 & 2 Eng		600-2				A B C	600-2	10	00-3
3 & 4 Eng	g   300-1					C D	000-2		,,,,,
For departure pro	ocedures and MCA	's see La Paz Depart	tures 10	-3, 10-3 <b>A</b> .					

20 AUG 10 Eff 26 Aug MMLP/LAP (11-2) ILS DME 2 or LOC Rwy 18 GEN MANUEL MARQUEZ DE LEÓN INTL \*LA PAZ Approach \*ATIS \*LA PAZ Tower 127.9 120.6 118.1 GS **D6.3 ILAP** LOC Final Apt Elev 69 DA(H) Apch Crs ILAP (CONDITIONAL) **261**′(225′) D6.0 LAP 177° 110.5 TDZE 36' 2036′(2000′) 3000' 5000' MISSED APCH: Climb outbound on LAP VOR R-181 to D7.0 LAP, make a RIGHT teardrop turn to LAP VOR within 10 NM to the minimum holding altitude. Alt Set: MB (IN on req) Trans alt: 18500 MSA LAP VOR TDZ Elev: 1 MB Trans level: FL 195 DURTU TULES ALOVA 110-10 XOMSA 110-00 **1** 2700 <u> 163</u> 20 **UJ1E** D15.0 LAP 24-20 4000 1150′<sub>(IF)</sub> N MM(R)-415 (IAF) D13.0 DWE D13.0 LAP D13.0 1575 .0 1000 9 24-10 **D6.3**ILAR 1050' MM(P)-400 **D6.0** LAP ILS DME. D 13.0 1150 177° 110.5 ILAP DO.7ILAP **DO.4**LAP 4200' 1181' LA PAZ 112.3 LAP 092 24-00 246 TAF D13.0 MM(P)-400 LAP 110-30 110-20 MORSA **D6.3** ILAP **D6.0** LAP GS **2036**' **D0.7** ILAP **D0.4** LAP GS 261' 2000′ TCH 53' TDZE **36** Gnd speed-Kts 90 100 120 140 160 LAP 3.00° 377 484 538 753 861 REIL D7.0 646 on 112.3 PAPI-L LAP R-181 5:14 4:04 3:40 3:03 2:37 2:17 FAF to MAP 6.1 STRAIGHT-IN LANDING RWY18 CIRCLE-TO-LAND LOC (GS out) II S DA(H) **261'** (225') MDA(H) **540'** (504') MDA(H)\_ 90 1 680′(611′)-1 120 В 3/4 C 11/4 140 680'(611')-134 D  $1\frac{1}{2}$ 680′(611′)-2 165 286'(250') DA(H) 11/2

LA PAZ, MEXICO JEPPESEN MMLP/LAP 20 AUG 10 Eff 26 Aug VOR DME-1 Rwy 18 (13-1)GEN MANUEL MARQUEZ DE LEON INTL \*ATIS \*LA PAZ Approach \*LA PAZ Tower 127.9 120.6 118.1 VOR Final Minimum Alt MDA(H)STRIP Apch Crs LAP D6.0 Apt Elev **69**′ 540′ (471′) 176° 112.3 2000' (1931') 3000' 5000 MISSED APCH: Climb outbound on LAP VOR R-181 to D7.0, make a RIGHT teardrop turn within 10 NM to LAP VOR to the minimum holding altitude. Alt Set: MB (IN on req) Apt Elev: 3 MB Trans level: FL 195 Trans alt: 18500 MSA LAP VOR D 11.0 D9.0 D9.0 MM(R) 9 D6.0 - 24-10 1050′ 2887 2133 (IAF) 112.3 LAP **9**1181′ - 24-00 110-30 110-20 3183 **VOR** D9.0 338° 3000' 2700 11 NM D6.0 from VOR 2000 APT. 69' 3.0 0.2 6.0 LAP RFII D7.0 112.3 PAPI-L R-181 MAP at VOR CIRCLE-TO-LAND STRAIGHT-IN LANDING RWY 18 MDA(H) **540'** (471') MDA(H)\_ 90 1 680′(611′)-1 В 120 C 11/4 680'(611')-13/4 140 11/2 D 165 680′(611′)-2

MMLP/LAP 20 AUG 10 Eff 26 Aug VOR DME-2 Rwy 18 GEN MANUEL MARQUEZ DE LEON INTL \*LA PAZ Tower 118.1 127.9 120.6 **VOR** Final Minimum Alt MDA(H)Apch Crs LAP D6.0 Apt Elev 69' 540' (471') 176° 112.3 2000′(1931 3000' 5000 MISSED APCH: Climb outbound on LAP VOR R-181 to D7.0, make a RIGHT teardrop turn within 10 NM to LAP VOR to the minimum holding altitude. Apt Elev: 3 MB Alt Set: MB (IN on reg) Trans level: FL 195 Trans alt: 18500' MSA LAP VOR **TULES D'URTU** XOMSA 20 D15.0 D15.0 MM(R)-415 11.0 D13.0 (IAF) D13.0 D13.0 D11.0 9 D6.0 **1**050′ 1640 24-10 MM(P)-400 LA PAZ -<sup>D</sup>112.3 LAP D13.0 150 064 4200/ **⊘**1181 195 092 1060 In case of DME failure at any point during the procedure, maintain last altitude and proceed to 24-00 the station in accordance with ATC instructions 246 MM(P)-400 3183 110-20 MORSA 110-00 D11.0 D9.0 60d 3000' **VOR** D6.0 2700' 2000 APT. 69' 0.2 6.0 3.0 2.0 LAP REIL 112.3 D7.0 PAPI-L R-181 MAP at VOR STRAIGHT-IN LANDING RWY18 CIRCLE-TO-LAND MDA(H) 540' (471') MDA(H)\_ 90 1 680′(611′)-1 В 120 11/4 680'(611')-13/4 140 11/2 165 680'(611')-2

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MMLP/LAP 10 JUL 09 (13-3) VOR Rwy 18 GEN MANUEL MARQUEZ DE LEON INTL \*LA PAZ Approach \*LA PAZ Tower 127.9 120.6 118.1 **VOR** Final MDA(H) LAP Apch Crs Apt Elev 69' No FAF 680'(611') 170° 112.3 3000' 5000' MISSED APCH: Climb outbound on LAP VOR R-181, make a RIGHT teardrop turn to LAP VOR within 10 NM to the minimum holding altitude. Alt Set: MB (IN on reg) Apt Elev: 3 MB Trans level: FL 195 Trans alt: 18500' MSA LAP VOR 1575' 9 - 24-10 **1**050′ -LA PAZ-<sup>□</sup> 112.3 LAP **1**181′ - 24-00 110-30 110-20 **VOR** 3000' 2000' 10 NM APT. **69** LAP RT REIL PAPI-L LAP on 112.3 within 112.3 R-181 10 NM MAP at VOR STRAIGHT-IN LANDING RWY 18 CIRCLE-TO-LAND MDA(H) 680'(611') 90 1 680′(611′)-1 В 120 680'(611')-11/2  $1\frac{1}{2}$ 140 13/4 165 680′(611′)-2

MMLP/LAP

(13-4)VOR DME-1 Rwy 36 10 JUL 09 GEN MANUEL MARQUEZ DE LEON INTL \*LA PAZ Approach \*ATIS \*LA PAZ Tower 127.9 120.6 118.1 VOR Final Minimum Alt MDA(H)LAP Apch Crs D6.0 Apt Elev 69' 580′ (511′) 001° 1200′ (1131′) 112.3 3000' 5000 MISSED APCH: Climb outbound on LAP VOR R-338 to D7.0, make a RIGHT teardrop turn within 10 NM to LAP VOR to the minimum holding altitude. Alt Set: MB (IN on req) MSA LAP VOR Apt Elev: 3 MB Trans level: FL 195 Trans alt: 18500' MM(R)-415 D7.0 - 24-10 1050' 9 00 1181 LA PAZ D 112.3 LAP D1.4 2000 <del>-</del> 24-00 D6.0 2461 D9.0 3183 D9.0 689' 690 MM(P)-400 D11.0 110-30 110-20 110-10 D9.0 **VOR -**199° 2000' 3000' 11 NM 0010 D6.0 from D1.4 VOR 1200' APT. 69' 3.0 4.6 LAP REIL D7.0 on 112.3 PAPI-L R-338 MAP at D1.4 STRAIGHT-IN LANDING RWY36 CIRCLE-TO-LAND MDA(H) 580' (511') MDA(H)\_ 90 1 680′(611′)-1 120 В C 140 680′(611′)-1¾ 11/2 165 680′(611′)-2

LA PAZ, MEXICO MMLP/LAP (13-5)10 JUL 09 VOR DME-2 Rwy 36 GEN MANUEL MARQUEZ DE LEON INTL \*ATIS \*LA PAZ Approach \*LA PAZ Tower 127.9 120.6 118.1 VOR Final Minimum Alt MDA(H) LAP Apch Crs D6.0 Apt Elev 69' 580'(511') 001° 112.3 1200' (1131' 3000' 5000 MISSED APCH: Climb outbound on LAP VOR R-338 to D7.0, make a RIGHT teardrop turn within 10 NM to LAP VOR to the minimum holding altitude. Alt Set: MB (IN on req) Apt Elev: 3 MB Trans level: FL 195 Trans alt: 18500 MSA LAP VOR MM(R)-415 In case of DME failure at any D7.0 ▲ 2264 point during the procedure, maintain last altitude and proceed to the station in 24-10 **₀**1050′ accordance with ATC 2887 instructions. LA PAZ 112.3 LAP 4200 **⊘**1181′ 3000 092 D11.0 (IAF D13.0 D1.4 106 690′ - 24-00 D13.0 D6.0 D9.0 D 13.0 D 11.0 D13.0 1000 - 23-50 110-20 D25.0 D25.0 110-00 **VOR** D9.0 D6.0 2000' +0019 1200 D1.4 АРТ. **69**′ 3.0 4.6 LAP REIL on 112.3 D7.0 PAPI-L R-338 MAP at D1.4 STRAIGHT-IN LANDING RWY36 CIRCLE-TO-LAND MDA(H) 580' (511') MDA(H) 90 1 680′(611′)-1 120 C 680'(611')-13/4 140  $1\frac{1}{2}$ 165 680'(611')-2

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LA PAZ, MEXICO MMLP/LAP 10 JUL 09 (13-6) VOR Rwy 36 GEN MANUEL MARQUEZ DE LEON INTL \*LA PAZ Approach \*LA PAZ Tower 127.9 120.6 118.1 **VOR** Final MDA(H) Apch Crs LAP No FAF Apt Elev 69' 900' (831') 001° 112.3 3000' 5000 MISSED APCH: Climb outbound on LAP VOR R-338, make a RIGHT turn to LAP VOR within 10 NM to the minimum holding altitude. Alt Set: MB (IN on reg) Apt Elev: 3 MB Trans level: FL 195 Trans alt: 18500' MSA LAP VOR MM(R)-415 ₽\_\_\_\_24-10 1050 1181' LA PAZ <sup>□</sup> 112.3 LAP 2000 <del>-</del> 24-00 2461 31834 689 110-30 110-20 110-10 · 690 **VOR** 3000' 2000' 10 NM 5001° АРТ. **69**′ LAP RT REIL PAPI-L LAP on 112.3 112.3 within R-338 MAP at VOR 10 NM STRAIGHT-IN LANDING RWY36 CIRCLE-TO-LAND MDA(H) 900'(831') Max Kts. 900'(831')-1 1 90 11/4 900'(831')-11/4 120 900'(831')-21/2 21/2 140 2 3/4 165 900'(831')-23/4