

MMAN - Del Norte Intl

Airport details

State	Nuevo León
Country	Mexico
Region	MM
Elevation	1476ft (450m)
Timezone	GMT -6
Coordinates	25.86561, -100.23721
Type	land
ICAO code	MMAN
IATA code	NTR
FAA code	n/a

Runway info

Runway 02 / 20	
length	2008m (6588ft)
bearing	35° / 215°
width	45m (148ft)
surface	asphalt
displacement threshold	72m (236ft) / 0m (0ft)
blast zone	0m (0ft) / 143m (469ft)
Runway 11 / 29	
length	1534m (5033ft)
bearing	120° / 300°
width	45m (148ft)
surface	asphalt
displacement threshold	80m (262ft) / 102m (335ft)

Communication

Del Norte Intl ATIS	127.550
Del Norte Intl ATIS	127.550
Del Norte Intl ATIS	127.550
Del Norte Intl ATIS	127.550
Del Norte Intl GND	122.000
Del Norte Intl GND	122.000
Del Norte Intl GND	122.000
Del Norte Intl GND	122.000
Del Norte Intl TWR	118.600
Del Norte Intl TWR	118.600
Del Norte Intl TWR	118.600
Del Norte Intl TWR	118.600
Del Norte Intl MONTERREY APP	120.400
Del Norte Intl MONTERREY APP	120.400

Del Norte Intl MONTERREY APP	119.750
Del Norte Intl MONTERREY APP	120.400
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Del Norte Intl MONTERREY APP	119.750
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Approach frequencies

ILS-cat-I	20	110.7	18.00mi
3.2° GS	20	110.7	18.00mi

Nearby beacons

code	identifier	dist	bearing	frequency
ADN	ROBERTO (MONTERREY) VOR/DME	0	264°	115.40
MTY	MONTERREY VOR/DME	9.1	124.8°	114.70
SLW	SALTILLO VOR/DME	42.1	245.2°	116.10

Departure and arrival routes

Transition altitude	18500ft
Transition level	19500ft

SID end points

RW02

distance	outbound direction
URTU3B	14.9 19°
DAJO1C	50.0 45°
DOTO1C	55.9 95°
EMAK2B	27.7 100°
KERG1C	56.7 166°
GRAL1C	49.9 294°

RW20

DAJO2D	50.0 45°
DOTO2D	55.9 95°
KERG2D	56.7 166°
GRAL2D	49.9 294°

STAR starting points

RW20

distance	inbound direction
SLW1D	42.1 65°
NOTA1C	40.6 182°
ITPI1C	55.8 263°
RETO1C	59.1 309°

Holding patterns

STAR name	hold at	type	turn	heading*	altitude	leg	speed limit
ITPI1C	ULAVA	VHF	right	66 (246)°	> 16000ft	1.0min timed	200

*) magnetic outbound (inbound) holding course

Disclaimer

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To be used with X-Plane simulation only