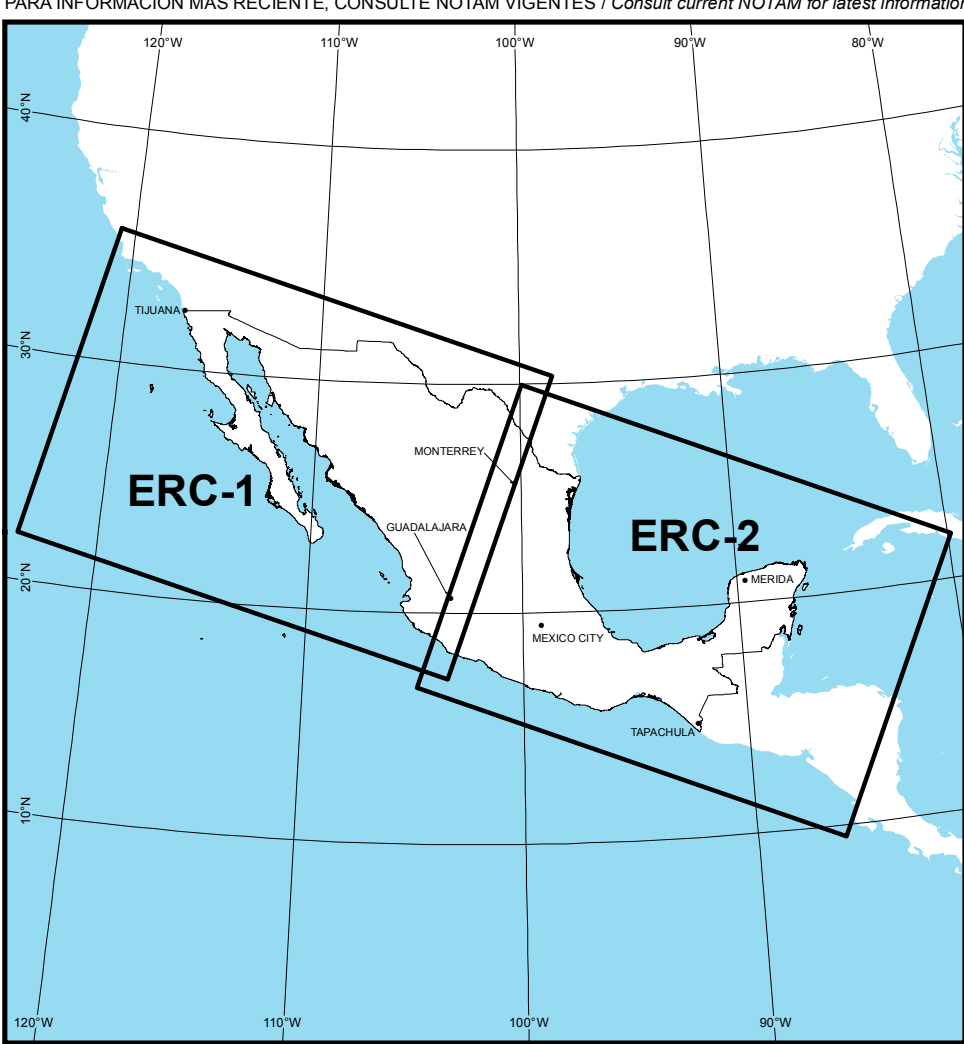


AIP DE MEXICO  
SICT - AFAC - SENEAM  
CARTA DE NAVEGACION EN RUTA  
ESPACIO AEREO INFERIOR  
LOW ALTITUDE ENROUTE CHART  
FECHA DE EFECTIVIDAD  
Effective  
26-DIC-2024 AMDT AIRAC 13/24

VER RELACION DE CAMBIOS ENR 6.1-5 / See list of changes ENR 6.1-5  
PARA INFORMACION MAS RECIENTE, CONSULTE NOTAM VIGENTES / Consult current NOTAM for latest information



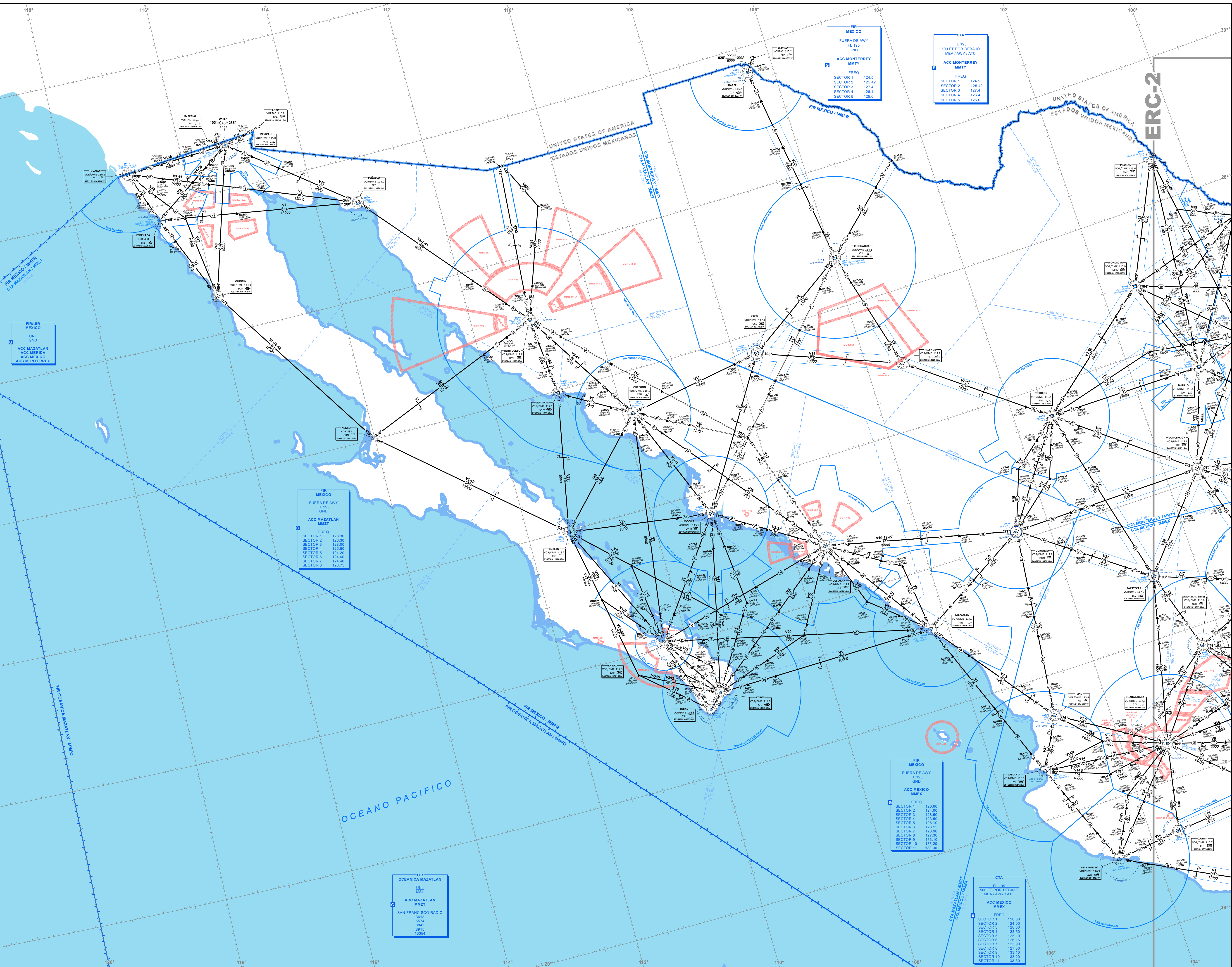
| CLAVE<br>LEGEND                                                                                                 |                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AERODROMO<br>Aerodrome                                                                                          | BENTON JUANES INTL                                                                                                                                                                                                                                                                   |
| DESIGNADOR OACI / ICAO Designator                                                                               |                                                                                                                                                                                                                                                                                      |
| NOMBRE ADO Name                                                                                                 |                                                                                                                                                                                                                                                                                      |
| REGION DE INFORMACION DE VUELO (FIR)<br>Flight Information Region                                               | FIR MEXICO / MMFR<br>FIR MAZATLAN / MMFR<br>FIR MEXICO / MMFR<br>FIR MEXICO / MMFR                                                                                                                                                                                                   |
| NOMBRE FIR / FIR Name                                                                                           |                                                                                                                                                                                                                                                                                      |
| LIMITE SUPERIOR / Upper limit                                                                                   |                                                                                                                                                                                                                                                                                      |
| CLASE DE ESPACIO AEREO / Airspace class                                                                         |                                                                                                                                                                                                                                                                                      |
| LIMITE INFERIOR / Lower limit                                                                                   |                                                                                                                                                                                                                                                                                      |
| UNIDAD QUE PROPORCIONA EL SERVICIO / Unit providing service                                                     |                                                                                                                                                                                                                                                                                      |
| VER DETALLES EN ENR 2.1 / See ENR 2.1 for details                                                               |                                                                                                                                                                                                                                                                                      |
| AREA DE CONTROL TERMINAL (TMA)<br>Terminal Control Area                                                         | TMA MEXICO                                                                                                                                                                                                                                                                           |
| VER DETALLES EN ENR 2.1 / See ENR 2.1 for details                                                               |                                                                                                                                                                                                                                                                                      |
| ZONA DE TRANSITO DE AERODROMO (ATZ)<br>Aerodrome Transit Zone                                                   | ATZ DURANGO                                                                                                                                                                                                                                                                          |
| VER DETALLES EN ENR 2.2 / See ENR 2.2 for details                                                               |                                                                                                                                                                                                                                                                                      |
| ZONA DE CONTROL (CTR)<br>Control Zone                                                                           | CTR MEXICO                                                                                                                                                                                                                                                                           |
| VER DETALLES EN ENR 2.2 / See ENR 2.2 for details                                                               |                                                                                                                                                                                                                                                                                      |
| AREA DE CONTROL (CTA)<br>Control Area                                                                           | CTA MEXICO / MMEX                                                                                                                                                                                                                                                                    |
| VER DETALLES EN ENR 2.1 / See ENR 2.1 for details                                                               |                                                                                                                                                                                                                                                                                      |
| SECTOR<br>Sector                                                                                                | SECTOR 1                                                                                                                                                                                                                                                                             |
| VER DETALLES EN ENR 2.1 / See ENR 2.1 for details                                                               |                                                                                                                                                                                                                                                                                      |
| RUTA ATS<br>ATS routes                                                                                          | V3<br>079° 174° 259°<br>15000                                                                                                                                                                                                                                                        |
| DESIGNADOR DE RUTA / Route designator                                                                           |                                                                                                                                                                                                                                                                                      |
| DERROTA MAGNETICA / Magnetic track                                                                              |                                                                                                                                                                                                                                                                                      |
| DISTANCIA EN MILLAS NAUTICAS / Distance in nautical miles                                                       |                                                                                                                                                                                                                                                                                      |
| ALTITUD MINIMA EN RUTA / Minimum enroute altitude                                                               |                                                                                                                                                                                                                                                                                      |
| RUTA DE NAVEGACION DE AREA (RNAV)<br>Area Navigation route                                                      | L207<br>157° 24° 337°<br>4000                                                                                                                                                                                                                                                        |
| DESIGNADOR DE RUTA / Route designator                                                                           |                                                                                                                                                                                                                                                                                      |
| DERROTA MAGNETICA / Magnetic track                                                                              |                                                                                                                                                                                                                                                                                      |
| DISTANCIA EN MILLAS NAUTICAS / Distance in nautical miles                                                       |                                                                                                                                                                                                                                                                                      |
| LIMITE VERTICAL / Vertical limit                                                                                |                                                                                                                                                                                                                                                                                      |
| PUNTO DE CAMBIO (COP)<br>Change - Clear Point                                                                   | 96<br>42                                                                                                                                                                                                                                                                             |
| DISTANCIA EN MILLAS NAUTICAS DESDE VOR ASOCIADO / Distance in nautical miles from associated VOR navigation aid |                                                                                                                                                                                                                                                                                      |
| PUNTO DE RECORRIDO (WPT)<br>Way - Point                                                                         | OBLIGATORIO DE PASO / Fly-by compulsory<br>FACULTATIVO DE PASO / Fly-by on request<br>OBLIGATORIO SOBREVUELO / Fly-over compulsory<br>FACULTATIVO SOBREVUELO / Fly-over on request<br>-AXGVI<br>2248.0N<br>09145.43W                                                                 |
| NOMBRE / Name                                                                                                   |                                                                                                                                                                                                                                                                                      |
| COORDENADAS GEOGRAFICAS / Geographical coordinates                                                              |                                                                                                                                                                                                                                                                                      |
| PUNTO DE NOTIFICACION (REP)<br>Reporting Point                                                                  | OBLIGATORIO / Compulsory<br>FACULTATIVO / On request                                                                                                                                                                                                                                 |
| PUNTO DE NOTIFICACION ATS/MET (MRP)<br>ATS/MET Reporting Point                                                  | OBLIGATORIO / Compulsory<br>FACULTATIVO / On request                                                                                                                                                                                                                                 |
| ESPACIO AEREO RESTRINGIDO<br>Restricted Airspace                                                                | IDENTIFICACION DEL AREA / Identification of area<br>LETRA NACIONALIDAD / Nationality letter<br>LIMITES VERTICALES / Vertical limits<br>P. PROHIBIDA / Prohibited<br>R. RESTRICTADA / Restricted<br>D. PELIGROSA / Dangerous<br>VER DETALLES EN ENR 6.1-5 / See ENR 6.1-5 for details |
| RADIOFARO OMNIDIRECCIONAL VHF (VOR)<br>VHF Omnidirectional Radio Range                                          | ROSA DE LOS VIENTOS ORIENTADA RESPECTO AL NORTE MAGNETICO / Compass rose orientated to Magnetic North                                                                                                                                                                                |
| RADIOFARO NO DIRECCIONAL (NDB)<br>Non - Directional Beacon                                                      |                                                                                                                                                                                                                                                                                      |
| EQUIPO RADIOTELEMETRICO (DME)<br>Distance Measuring Equipment                                                   |                                                                                                                                                                                                                                                                                      |
| RADIOAYUDAS VOR Y DME INSTALADAS<br>CONJUNTAMENTE (VOR/DME)<br>Co - located VOR and DME navigation aids         |                                                                                                                                                                                                                                                                                      |
| IDENTIFICACION DE LAS RADIOAYUDAS<br>(NAVAID)<br>Identification for radio navigation aids                       | MEXICO<br>VOR/DME 115.9<br>-MEX<br>192618N 0990408W                                                                                                                                                                                                                                  |
| NOMBRE / Name                                                                                                   |                                                                                                                                                                                                                                                                                      |
| NAVAID FRECUENCIA IDENTIFICACION O SEÑAL DISTINTIVA / NAVAID frequency identification or call sign              |                                                                                                                                                                                                                                                                                      |
| COORDENADAS GEOGRAFICAS / Geographical coordinates                                                              |                                                                                                                                                                                                                                                                                      |

| NOTAS / REMARKS                                                                                                                          |  |
|------------------------------------------------------------------------------------------------------------------------------------------|--|
| IDENTIFICACION DE RUTAS<br>Routes Identification                                                                                         |  |
| A, B, G, Y, R PARA RUTAS QUE SE CONTINUAN ENTRE FIR INTERNACIONAL                                                                        |  |
| A, B, G AND R FOR ROUTES WHICH CONTINUE AMONG INTERNATIONAL FIR                                                                          |  |
| Y PARA RUTAS DE USO EN FIR MEXICO                                                                                                        |  |
| V FOR MEXICO USE ROUTES                                                                                                                  |  |
| ALTIMETRIA<br>DENTRO DEL ESPACIO AEREO NACIONAL CONTINENTAL Y OCEANICO ACI ARRIBA DE FL 200 QNE NIVEL DE VUELO MINIMO EN RUTAS DE FL 200 |  |
| ALTIMETRY<br>WITHIN NATIONAL CONTINENTAL AND OCEANIC AIRSPACE, AT OR ABOVE FL 200 QNE, ENROUTE MINIMUM FLIGHT LEVEL FL 200               |  |
| NO SE AUTORIZAN VUELOS VFR A/O ARRIBA DE FL 200                                                                                          |  |
| VFR FLIGHTS ARE NOT AUTHORIZED AT OR ABOVE FL 200                                                                                        |  |

| IDENTIFICACION<br>Identification             | LIMITE SUPERIOR<br>Upper Limit<br>LIMITE INFERIOR<br>Lower Limit |
|----------------------------------------------|------------------------------------------------------------------|
| MUR-104<br>AREA ESTE                         | 11000 AMSL<br>GND                                                |
| MUR-105<br>AREA NORTE                        | 10000 AMSL<br>GND                                                |
| MUR-106<br>AREA OESTE<br>ZONA ETZATLAN       | 11000 AMSL<br>GND                                                |
| MUR-106<br>AREA OESTE<br>ZONA DE TALA        | 8500 AMSL<br>GND                                                 |
| MUR-107<br>AREA SUR                          | 11000 AMSL<br>GND                                                |
| MUR-110<br>PILATOS                           | 12000 AMSL<br>GND                                                |
| MUR-111<br>LAGOS                             | 18000 AMSL<br>GND                                                |
| MUR-118<br>PENAL                             | 5000 AMSL<br>GND                                                 |
| MUR-180<br>VOLCAN DE COLIMA                  | UNL<br>GND                                                       |
| MUR-237                                      | 18000<br>10000                                                   |
| MUR-300<br>SANTA GERTRUDIZ                   | 10000 AMSL<br>GND                                                |
| MUR-303<br>CAMARGO                           | 7000 AMSL<br>GND                                                 |
| MUR-305<br>CACIR                             | 10000 AMSL<br>GND                                                |
| MUR-400<br>FOCAS                             | 10000 AMSL<br>GND                                                |
| MUR-401<br>MAZATLAN                          | 5000 AMSL<br>GND                                                 |
| MUR-402<br>ISLAS MARIAS                      | 5000 AMSL<br>GND                                                 |
| MUR-403                                      | 3500 AMSL<br>1000 AGL                                            |
| MUR-404                                      | 15000 AMSL<br>1000 AGL                                           |
| MUR-405                                      | 8500 AMSL<br>1000 AGL                                            |
| MUR-406                                      | 10000 AMSL<br>1000 AGL                                           |
| MUR-407                                      | 4000 AMSL<br>1000 AGL                                            |
| MUR-408                                      | 18000 AMSL<br>3000 AGL                                           |
| MUR-409                                      | 4000 AMSL<br>1000 AGL                                            |
| MUR-410                                      | 4500 AMSL<br>1000 AGL                                            |
| MUR-411-A                                    | 9000 AMSL<br>1000 AGL                                            |
| MUR-411-B                                    | 14000 AMSL<br>1000 AGL                                           |
| MUR-411-C                                    | 19000 AMSL<br>1000 AGL                                           |
| MUR-412                                      | 16000 AMSL<br>GND                                                |
| MUR-413                                      | 16000 AMSL<br>GND                                                |
| MUR-414-A                                    | 16000 AMSL<br>GND                                                |
| MUR-414-B                                    | 16000 AMSL<br>GND                                                |
| MUR-415                                      | 1500 AMSL<br>GND                                                 |
| MUR-416<br>PENAL                             | 5000 AMSL<br>GND                                                 |
| MUR-417                                      | 19000 AMSL<br>1000 AGL                                           |
| MUR-418                                      | 19000 AMSL<br>1000 AGL                                           |
| MUR-422<br>SALA REGIONAL GUADALAJARA<br>TEPU | 400 AGL<br>GND                                                   |
| MUR-433<br>SALA REGIONAL MONTERREY<br>TEPU   | 400 AGL<br>GND                                                   |

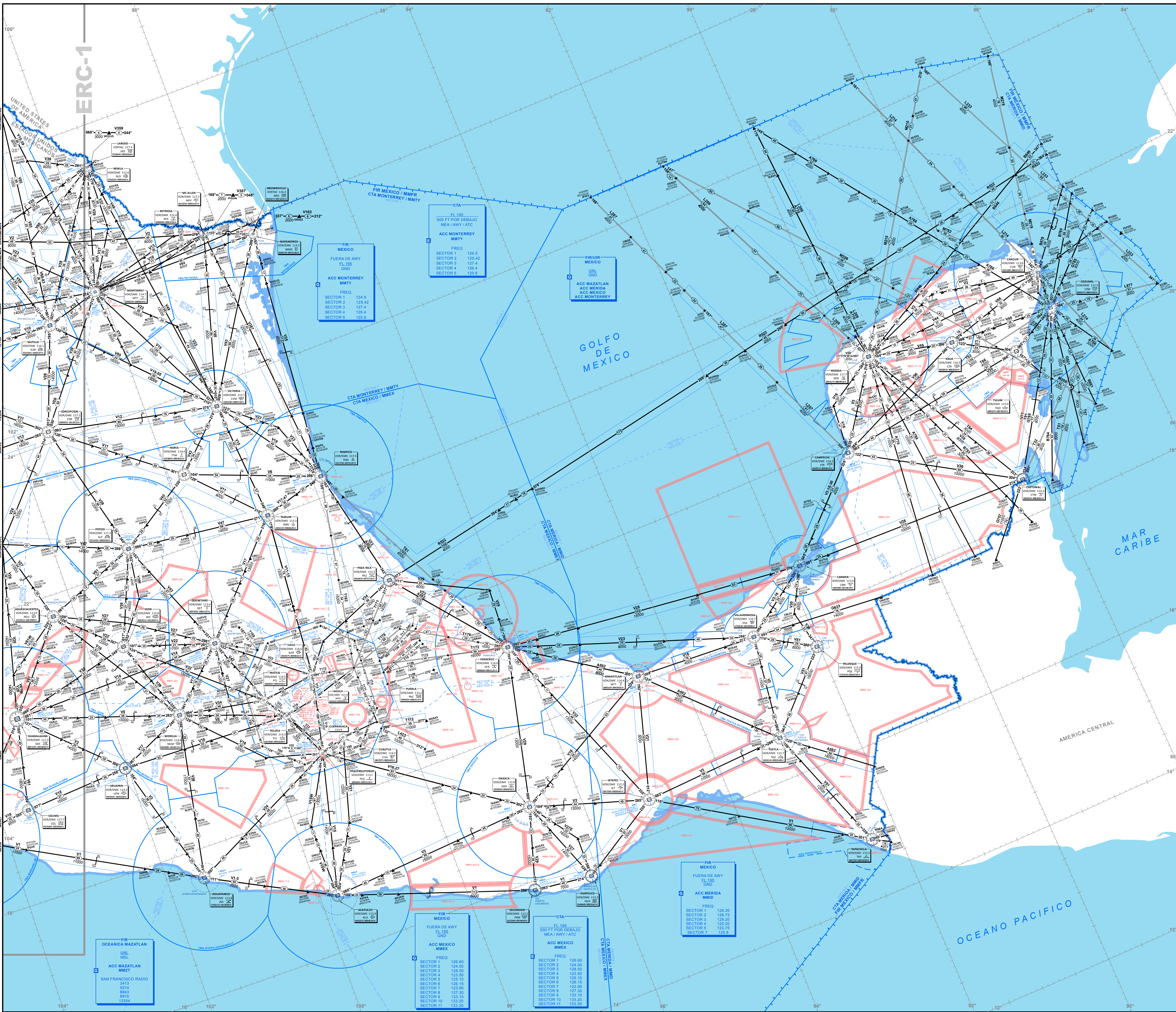
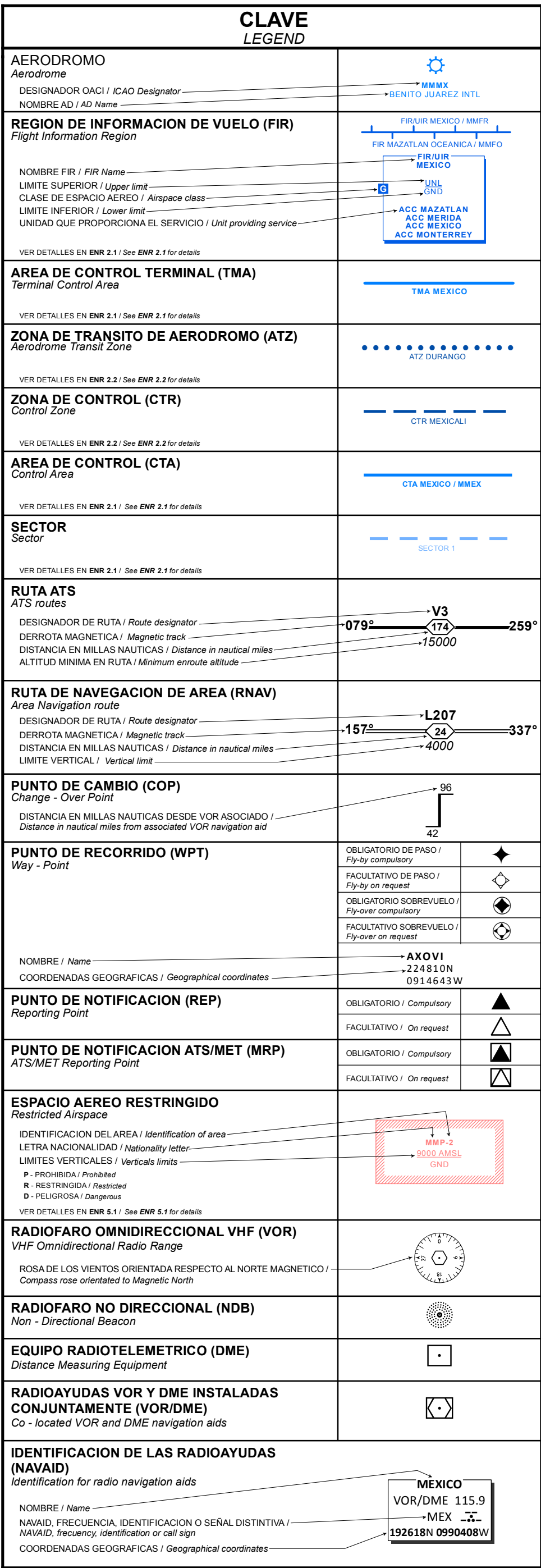
PROYECCION CONICA CONFORME DE LAMBERT  
LAMBERT CONFORMAL CONIC PROJECTION

ESCALA / SCALE 1:2,735,000  
0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 MILLAS NAUTICAS (NM)  
0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 KILOMETROS (KM)



VER RELACION DE CAMBIOS **ENR 6.1-5** / See list of changes **ENR 6.1-5**  
PARA INFORMACION MAS RECIENTE, CONSULTE NOTAM VIGENTES / Consult current NOTAM for latest information

### ALTITUDES SEMICIRCULARES DE VUELO DE CRUCERO IFR



| IDENTIFICACION<br><i>Identification</i> | LIMITE SUPERIOR<br><i>Upper Limit</i><br>LIMITE INFERIOR<br><i>Lower Limit</i> | NOTAS / REMARKS                                                                                                                                                                                                                                                             |  |
|-----------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| MMP-1<br>MARTE                          | 9000 AMSL<br>GND                                                               | IDENTIFICACION DE RUTAS<br><i>ROUTES IDENTIFICATION</i><br><br>A, B, G Y R: PARA RUTAS QUE SE<br>CONTINUAN ENTRE FIR INTERNACIONAL<br>A, B, G AND R: FOR ROUTES WHICH<br>CONTINUE AMONG INTERNATIONAL FIR<br>V: PARA RUTAS DE USO EN FIR MEXICO<br>V: FOR MEXICO USE ROUTES |  |
| MMP-2<br>MARTE                          | 9000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-3<br>SANTO DOMINGO                  | 15000 AMSL<br>GND                                                              |                                                                                                                                                                                                                                                                             |  |
| MMP-4<br>ZACALCO                        | 8600 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-5<br>DIXTAPAY ARRA                  | 8400 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-6<br>XOCHIMILCO                     | 9600 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-9<br>RECLUSORIO NORTE               | 8000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-10<br>RECLUSORIO ORIENTE            | 8000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-11<br>PRIMER CUADRO                 | 18000 AMSL<br>GND                                                              |                                                                                                                                                                                                                                                                             |  |
| MMP-12<br>SAN LAZARO                    | 38000 AMSL<br>GND                                                              |                                                                                                                                                                                                                                                                             |  |
| MMP-13<br>RECLUSORIO SUR                | 9000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-14<br>CONTELA                       | 8600 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-16<br>ARMADA                        | 9000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-17<br>ARMADA                        | 9000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-18<br>ARMADA                        | 9000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-19<br>PEMEX                         | 9000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-20<br>VERDELL                       | 9000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-21<br>HANGAR                        | 9000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-100 E<br>TZAUQUA                    | 11000 AMSL<br>GND                                                              |                                                                                                                                                                                                                                                                             |  |
| MMP-100 W<br>TZAUQUA                    | 10000 AMSL<br>GND                                                              |                                                                                                                                                                                                                                                                             |  |
| MMP-101<br>TULIA                        | FL 600<br>GND                                                                  |                                                                                                                                                                                                                                                                             |  |
| MMP-102<br>TEHUACAN                     | FL 600<br>GND                                                                  |                                                                                                                                                                                                                                                                             |  |
| MMP-103<br>TACAMBARO                    | FL 255<br>GND                                                                  |                                                                                                                                                                                                                                                                             |  |
| MMP-104<br>ALBAÑESTRE                   | 11000 AMSL<br>GND                                                              |                                                                                                                                                                                                                                                                             |  |
| MMP-107<br>AREA SUR                     | 11000 AMSL<br>GND                                                              |                                                                                                                                                                                                                                                                             |  |
| MMP-108<br>ALBATORRO                    | 9000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-109<br>LAGUNA VERDE                 | 9000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-110<br>PLATOS                       | 12000 AMSL<br>GND                                                              |                                                                                                                                                                                                                                                                             |  |
| MMP-111<br>LAGOS                        | 19000 AMSL<br>GND                                                              |                                                                                                                                                                                                                                                                             |  |
| MMP-113<br>JACQUES                      | 10000 AMSL<br>GND                                                              |                                                                                                                                                                                                                                                                             |  |
| MMP-114<br>PENAL                        | 11000 AMSL<br>GND                                                              |                                                                                                                                                                                                                                                                             |  |
| MMP-115<br>PERE                         | 7500 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-116<br>PIE DE LA CUESTA             | 2500 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-117                                 | 2500 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-118<br>PENAL                        | 6000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-119                                 | 6000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-120<br>PENAL                        | 7200 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-121<br>RECLUSORIO XOCHITEPEC        | 5000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-122                                 | 6000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-123<br>TULA                         | 10500 AMSL<br>GND                                                              |                                                                                                                                                                                                                                                                             |  |
| MMP-124<br>SAN MARTIN                   | 10500 AMSL<br>GND                                                              |                                                                                                                                                                                                                                                                             |  |
| MMP-125<br>TUXPAN                       | 3000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-126<br>POZA RUCA                    | 3000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-127<br>ESCOLIN                      | 3000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-128<br>COXTATLAN                    | 3000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-129<br>SALAMANCA                    | 4000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-130<br>FRANCO                       | 2500 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-131<br>TANTOYUCA                    | 3500 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-132<br>COXULAMA                     | 3500 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-133<br>CHICOTTEPEC                  | 4000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-134<br>HUAYACOCOTILLA               | 9000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-135<br>TUXPAN                       | 3200 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-136<br>POZA RUCA                    | 3500 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-137<br>PAPANTLA                     | 3450 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-138<br>MOCTERO                      | 1500 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-139<br>ALTAPLANO                    | 10500 AMSL<br>GND                                                              |                                                                                                                                                                                                                                                                             |  |
| MMP-140<br>MATUTIAS                     | 10500 AMSL<br>GND                                                              |                                                                                                                                                                                                                                                                             |  |
| MMP-141<br>JALANCOINGO                  | 6000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-142<br>MISANTLA                     | 4500 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-143<br>VILLADAMIA                   | 13000 AMSL<br>GND                                                              |                                                                                                                                                                                                                                                                             |  |
| MMP-144<br>FEROTE                       | 11000 AMSL<br>GND                                                              |                                                                                                                                                                                                                                                                             |  |
| MMP-145<br>BANDERILLA                   | 7500 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-146<br>PACHO MEDO                   | 7000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-147<br>COATEPEC                     | 7000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-148<br>HUATILCO                     | 7400 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-149<br>VERACRUZ                     | 3000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-150<br>ORIZABA                      | 3000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-151<br>CORDOBAS                     | 3000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-152<br>ZONGOLICA                    | 8600 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-153<br>AMATLAN                      | 7500 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-154<br>COSAMALAPAN                  | 3500 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-155<br>ACAYUCAN                     | 4000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-156<br>COXTATZALCO                  | 3000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-158<br>CASA DE GOBIERNO             | 9000 AMSL<br>GND                                                               |                                                                                                                                                                                                                                                                             |  |
| MMP-159                                 | MMP-159<br>VOLCAN POPocatepetl                                                 | UNL<br>GND                                                                                                                                                                                                                                                                  |  |
| MMP-160                                 | MMP-160<br>VOLCAN DE COLUMA                                                    | UNL<br>GND                                                                                                                                                                                                                                                                  |  |
| MMP-161                                 | MMP-161<br>TUXALCAMA                                                           | 10200 AGL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-162                                 | MMP-162<br>APIZACO                                                             | 10900 AGL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-163                                 | MMP-163<br>TEQUILAQUETEGUO                                                     | 11500 AMSL<br>GND                                                                                                                                                                                                                                                           |  |
| MMP-164                                 | MMP-164<br>IZUCAR DE MATAMOROS                                                 | 15000 AGL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-205                                 | MMP-205<br>ITEPEC                                                              | 9000 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-207                                 | MMP-207                                                                        | 18000 AMSL<br>GND                                                                                                                                                                                                                                                           |  |
| MMP-209                                 | MMP-209                                                                        | FL 200<br>3000 AMSL<br>GND                                                                                                                                                                                                                                                  |  |
| MMP-210                                 | MMP-210                                                                        | FL 200<br>3000 AMSL<br>GND                                                                                                                                                                                                                                                  |  |
| MMP-211 N                               | MMP-211 N                                                                      | 3500 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-211 E                               | MMP-211 E                                                                      | 20000 AMSL<br>GND                                                                                                                                                                                                                                                           |  |
| MMP-211 W                               | MMP-211 W                                                                      | 18000 AMSL<br>30000 AMSL<br>GND                                                                                                                                                                                                                                             |  |
| MMP-212                                 | MMP-212<br>TUXTLA                                                              | 38000 AMSL<br>GND                                                                                                                                                                                                                                                           |  |
| MMP-213                                 | MMP-213<br>SOLCAQUE DE CAMPECHE                                                | 15000 AMSL<br>GND                                                                                                                                                                                                                                                           |  |
| MMP-215                                 | MMP-215<br>SAN CRISTOBAL                                                       | FL 200<br>GND                                                                                                                                                                                                                                                               |  |
| MMP-216                                 | MMP-216<br>ZAPATA                                                              | 15000 AMSL<br>GND                                                                                                                                                                                                                                                           |  |
| MMP-217                                 | MMP-217<br>SAN BENITO                                                          | 10000 AMSL<br>GND                                                                                                                                                                                                                                                           |  |
| MMP-218                                 | MMP-218<br>CIUDAD PEMEX                                                        | 3000 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-219                                 | MMP-219<br>NUEVO PEMEX                                                         | 3000 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-220                                 | MMP-220<br>CACTUS                                                              | 3000 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-221                                 | MMP-221<br>DOS BOCAS                                                           | 3000 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-222                                 | MMP-222<br>LA VENTA                                                            | 3000 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-223                                 | MMP-223<br>COXTATZALCOLOS                                                      | 3000 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-224                                 | MMP-224<br>LAGO DE CARDENAS                                                    | 15000 AMSL<br>GND                                                                                                                                                                                                                                                           |  |
| MMP-225                                 | MMP-225<br>COSCOLOACQUE                                                        | 15000 AMSL<br>GND                                                                                                                                                                                                                                                           |  |
| MMP-226                                 | MMP-226<br>SALINA CRUZ                                                         | 3000 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-227                                 | MMP-227<br>TERMINAL MARITIMA                                                   | 3000 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-228                                 | MMP-228                                                                        | 20000 AMSL<br>7000 AMSL<br>GND                                                                                                                                                                                                                                              |  |
| MMP-229                                 | MMP-229                                                                        | 50000 AMSL<br>GND                                                                                                                                                                                                                                                           |  |
| MMP-230                                 | MMP-230                                                                        | 20000 AMSL<br>1000 AMSL<br>GND                                                                                                                                                                                                                                              |  |
| MMP-231                                 | MMP-231                                                                        | 20000 AMSL<br>9000 AMSL<br>GND                                                                                                                                                                                                                                              |  |
| MMP-232                                 | MMP-232                                                                        | 24000 AMSL<br>13000<br>GND                                                                                                                                                                                                                                                  |  |
| MMP-233                                 | MMP-233                                                                        | 15000 AMSL<br>GND                                                                                                                                                                                                                                                           |  |
| MMP-234 N                               | MMP-234 N                                                                      | 14000 AMSL<br>GND                                                                                                                                                                                                                                                           |  |
| MMP-234 S                               | MMP-234 S                                                                      | 9000 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-234 E                               | MMP-234 E                                                                      | 9000 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-235                                 | MMP-235                                                                        | 5000<br>AMS                                                                                                                                                                                                                                                                 |  |
| MMP-236                                 | MMP-236                                                                        | 15000<br>AMS                                                                                                                                                                                                                                                                |  |
| MMP-238                                 | MMP-238                                                                        |                                                                                                                                                                                                                                                                             |  |
| MMP-239                                 | MMP-239                                                                        | 3000 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-240                                 | MMP-240                                                                        | 9000 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-241 W                               | MMP-241 W                                                                      | 2000 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-242                                 | MMP-242<br>GASERA                                                              | 2000 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-301                                 | MMP-301                                                                        | 1000 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-302                                 | MMP-302<br>GASERA                                                              | 1500 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-304                                 | MMP-304<br>CADEREYTA                                                           | 8000 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-419                                 | MMP-419<br>CERESO TANIET                                                       | 10000 AMSL<br>GND                                                                                                                                                                                                                                                           |  |
| MMP-420                                 | MMP-420<br>SOLUBIA                                                             | 9000 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-421                                 | MMP-421<br>IRAPUATO                                                            | 9500 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-422                                 | MMP-422<br>CEFERESO No 16                                                      | 10000 AMSL<br>GND                                                                                                                                                                                                                                                           |  |
| MMP-423                                 | MMP-423                                                                        | FL 170<br>GND                                                                                                                                                                                                                                                               |  |
| MMP-424                                 | MMP-424<br>CELAYA                                                              | 4500 AGL<br>GND                                                                                                                                                                                                                                                             |  |
| MMP-425                                 | MMP-425<br>TECHTAMCAN                                                          | 9000 AMSL<br>GND                                                                                                                                                                                                                                                            |  |
| MMP-426                                 | MMP-426<br>SALA REGIONAL CDMMX TEPUF                                           | 400 AGL<br>GND                                                                                                                                                                                                                                                              |  |
| MMP-427                                 | MMP-427<br>EDIFICIO ADMINISTRATIVO VIRGINIA CDMMX TEPUF                        | 400 AGL<br>GND                                                                                                                                                                                                                                                              |  |
| MMP-428                                 | MMP-428<br>SALA SUPERIOR CDMMX TEPUF                                           | 400 AGL<br>GND                                                                                                                                                                                                                                                              |  |
| MMP-429                                 | MMP-429<br>SALA REGIONAL ESPECIALIZADA TEPUF                                   | 400 AGL<br>GND                                                                                                                                                                                                                                                              |  |
| MMP-430                                 | MMP-430<br>EDIFICIO ARCHIVO TEPUF                                              | 400 AGL<br>GND                                                                                                                                                                                                                                                              |  |
| MMP-431                                 | MMP-431<br>SALA REGIONAL XALAPA TEPUF                                          | 400 AGL<br>GND                                                                                                                                                                                                                                                              |  |
| MMP-432                                 | MMP-432<br>SALA REGIONAL GUADALAJARA TEPUF                                     | 400 AGL<br>GND                                                                                                                                                                                                                                                              |  |
| MMP-433                                 | MMP-433<br>SALA REGIONAL MONTERREY TEPUF                                       | 400 AGL<br>GND                                                                                                                                                                                                                                                              |  |
| MMP-434                                 | MMP-434<br>SALA REGIONAL TOLUCA TEPUF                                          | 400 AGL<br>GND                                                                                                                                                                                                                                                              |  |

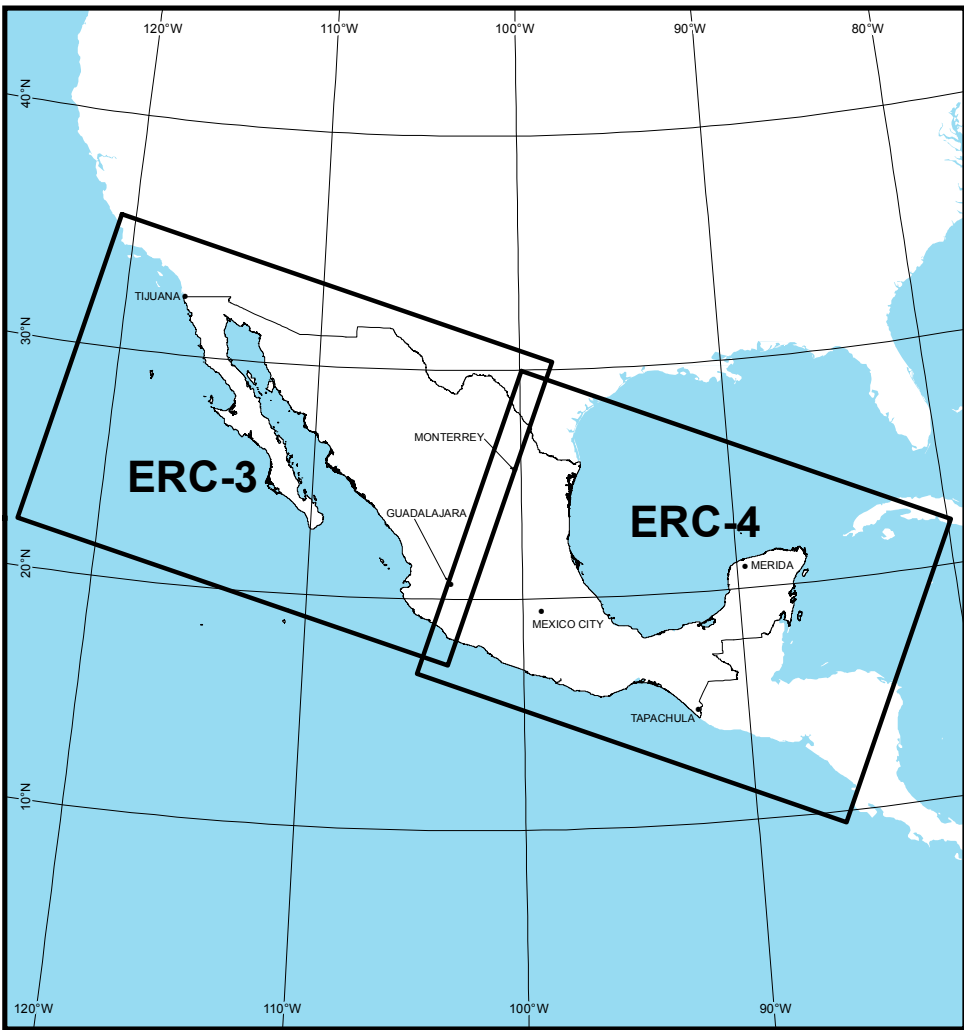
AIP DE MEXICO  
SICT - AFAC - SENEAM

CARTA DE NAVEGACION EN RUTA  
ESPACIO AEREO SUPERIOR  
HIGH ALTITUDE ENROUTE CHART

FECHA DE EFECTIVIDAD  
Effective  
26-DIC-2024 AMDT AIRAC 13/24

VER RELACION DE CAMBIOS ENR 6-1-5 / See list of changes ENR 6-1-5

PARA INFORMACION MAS RECIENTE, CONSULTE NOTAM VIGENTES / Consult current NOTAM for latest information



| CLAVE<br>LEGEND                                                                                                 |                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AERODROMO<br>Aerodrome                                                                                          | BENTON JUANES INTL                                                                                                                                                                 |
| DESIGNADOR OACI / ICAO Designator                                                                               |                                                                                                                                                                                    |
| NOMBRE ADO Name                                                                                                 |                                                                                                                                                                                    |
| REGION DE INFORMACION DE VUELO (FIR)<br>Flight Information Region                                               | FIR MEXICO / MMFR                                                                                                                                                                  |
| NOMBRE FIR / FIR Name                                                                                           |                                                                                                                                                                                    |
| LIMITE SUPERIOR / Upper limit                                                                                   |                                                                                                                                                                                    |
| CLASE DE ESPACIO AEREO / Airspace class                                                                         |                                                                                                                                                                                    |
| LIMITE INFERIOR / Lower limit                                                                                   |                                                                                                                                                                                    |
| UNIDAD QUE PROPORCIONA EL SERVICIO / Unit providing service                                                     | ACC MAZATLAN<br>ACC MERIDA<br>ACC MEXICO<br>ACC MONTERREY                                                                                                                          |
| VER DETALLES EN ENR 2.1 / See ENR 2.1 for details                                                               |                                                                                                                                                                                    |
| AREA DE CONTROL TERMINAL (TMA)<br>Terminal Control Area                                                         | TMA MEXICO                                                                                                                                                                         |
| VER DETALLES EN ENR 2.1 / See ENR 2.1 for details                                                               |                                                                                                                                                                                    |
| ZONA DE TRANSITO DE AERODROMO (ATZ)<br>Aerodrome Transit Zone                                                   | ATZ DURANGO                                                                                                                                                                        |
| VER DETALLES EN ENR 2.2 / See ENR 2.2 for details                                                               |                                                                                                                                                                                    |
| ZONA DE CONTROL (CTR)<br>Control Zone                                                                           | CTR MEXICO                                                                                                                                                                         |
| VER DETALLES EN ENR 2.2 / See ENR 2.2 for details                                                               |                                                                                                                                                                                    |
| AREA DE CONTROL (CTA)<br>Control Area                                                                           | CTA MEXICO / MMEX                                                                                                                                                                  |
| VER DETALLES EN ENR 2.1 / See ENR 2.1 for details                                                               |                                                                                                                                                                                    |
| SECTOR<br>Sector                                                                                                | SECTOR 1                                                                                                                                                                           |
| VER DETALLES EN ENR 2.1 / See ENR 2.1 for details                                                               |                                                                                                                                                                                    |
| RUTA ATS<br>ATS routes                                                                                          | V3 079° 174° 259°<br>15000                                                                                                                                                         |
| DESIGNADOR DE RUTA / Route designator                                                                           |                                                                                                                                                                                    |
| DERROTA MAGNETICA / Magnetic track                                                                              |                                                                                                                                                                                    |
| DISTANCIA EN MILLAS NAUTICAS / Distance in nautical miles                                                       |                                                                                                                                                                                    |
| ALTITUD MINIMA EN RUTA / Minimum enroute altitude                                                               |                                                                                                                                                                                    |
| RUTA DE NAVEGACION DE AREA (RNAV)<br>Area Navigation route                                                      | L207 157° 24° 337°<br>4000                                                                                                                                                         |
| DESIGNADOR DE RUTA / Route designator                                                                           |                                                                                                                                                                                    |
| DERROTA MAGNETICA / Magnetic track                                                                              |                                                                                                                                                                                    |
| DISTANCIA EN MILLAS NAUTICAS / Distance in nautical miles                                                       |                                                                                                                                                                                    |
| LIMITE VERTICAL / Vertical limit                                                                                |                                                                                                                                                                                    |
| PUNTO DE CAMBIO (COP)<br>Change - Clear Point                                                                   | 96<br>42                                                                                                                                                                           |
| DISTANCIA EN MILLAS NAUTICAS DESDE VOR ASOCIADO / Distance in nautical miles from associated VOR navigation aid |                                                                                                                                                                                    |
| PUNTO DE RECORRIDO (WPT)<br>Way - Point                                                                         | OBLIGATORIO DE PASO / Fly-by compulsory<br>FACULTATIVO DE PASO / Fly-by as request<br>OBLIGATORIO SOBREVUELO / Fly-over compulsory<br>FACULTATIVO SOBREVUELO / Fly-over as request |
| NOMBRE / Name                                                                                                   | AXOVI                                                                                                                                                                              |
| COORDENADAS GEOGRAFICAS / Geographical coordinates                                                              | 2248.0N<br>85145.43W                                                                                                                                                               |
| PUNTO DE NOTIFICACION (REP)<br>Reporting Point                                                                  | OBLIGATORIO / Compulsory<br>FACULTATIVO / On request                                                                                                                               |
| PUNTO DE NOTIFICACION ATS/MET (MRP)<br>ATS/MET Reporting Point                                                  | OBLIGATORIO / Compulsory<br>FACULTATIVO / On request                                                                                                                               |
| ESPACIO AEREO RESTRINGIDO<br>Restricted Airspace                                                                | MEX-2<br>192618N 0950408W                                                                                                                                                          |
| IDENTIFICACION DEL AREA / Identification of area                                                                |                                                                                                                                                                                    |
| LETRA NACIONALIDAD / Nationality letter                                                                         |                                                                                                                                                                                    |
| LIMITE VERTICAL / Vertical limits                                                                               |                                                                                                                                                                                    |
| P - PROHIBIDA / Prohibited                                                                                      |                                                                                                                                                                                    |
| R - RESTRINGIDA / Restricted                                                                                    |                                                                                                                                                                                    |
| D - PELIGROSA / Dangerous                                                                                       |                                                                                                                                                                                    |
| VER DETALLES EN ENR 6-1-5 / See ENR 6-1-5 for details                                                           |                                                                                                                                                                                    |
| RADIOFARO OMNIDIRECCIONAL VHF (VOR)<br>VHF Omnidirectional Radio Range                                          |                                                                                                                                                                                    |
| ROSA DE LOS VIENTOS ORIENTADA RESPECTO AL NORTE MAGNETICO / Compass rose orientated to Magnetic North           |                                                                                                                                                                                    |
| RADIOFARO NO DIRECCIONAL (NDB)<br>Non - Directional Beacon                                                      |                                                                                                                                                                                    |
| EQUIPO RADIOTELEMETRICO (DME)<br>Distance Measuring Equipment                                                   |                                                                                                                                                                                    |
| RADIOAYUDAS VOR Y DME INSTALADAS CONJUNTAMENTE (VOR/DME)<br>Co - located VOR and DME navigation aids            |                                                                                                                                                                                    |
| IDENTIFICACION DE LAS RADIOAYUDAS (NAVAID)<br>Identification for radio navigation aids                          |                                                                                                                                                                                    |
| NOMBRE / Name                                                                                                   | MEXICO                                                                                                                                                                             |
| NAVAID FRECUENCIA, IDENTIFICACION O SEÑAL DISTINTIVA / NAVAID frequency, identification or call sign            | VOR/DME 115.9<br>MEX -<br>192618N 0950408W                                                                                                                                         |
| COORDENADAS GEOGRAFICAS / Geographical coordinates                                                              |                                                                                                                                                                                    |

NOTAS / REMARKS

UA, UB, UG Y UR PARA RUTAS QUE SE CONECTAN ENTRE FIR UA, UB, UG AND UR FOR ROUTES CONNECTED AMONG FIR

L RUTAS QUE DEBEN SER VOLADAS CON EQUIPO RNAV Y SE CONECTAN ENTRE FIR L ROUTES THAT MUST BE FLOWN WITH RNAV EQUIPMENT AND WHICH ARE CONNECTED AMONG FIR

J Y UJ PARA RUTAS DE USO SOLAMENTE EN FIR MEXICO J Y UJ FOR ROUTES USABLE IN MEXICO ONLY

UT Y UQ PARA RUTAS QUE DEBEN SER VOLADAS CON EQUIPO RNAV Y ES DE USO EN MEXICO UT Y UQ FOR ROUTES THAT MUST BE FLOWN WITH RNAV EQUIPMENT USABLE IN MEXICO

PARA LA APLICACION Y RESTRICCIONES DE LAS ALTITUDES MINIMAS DE VUELO VER GEN 3.3 FOR MINIMUM FLIGHT ALTITUDES UTILIZATION AND RESTRICTIONS SEE GEN 3.3

ALTIMETRIA DENTRO DEL ESPACIO AEREO NACIONAL CONTINENTAL Y OCEANICO A/O ARRIBA DE FL 200 QNE NIVEL DE VUELO MINIMO EN RUTAS DE FL 200

ALTIMETRY WITHIN NATIONAL CONTINENTAL AND OCEANIC AIRSPACE, AT OR ABOVE FL 200 QNE ENROUTE MINIMUM FLIGHT LEVEL FL 200

NO SE AUTORIZAN VUELOS VFR A/O ARRIBA DE FL 200

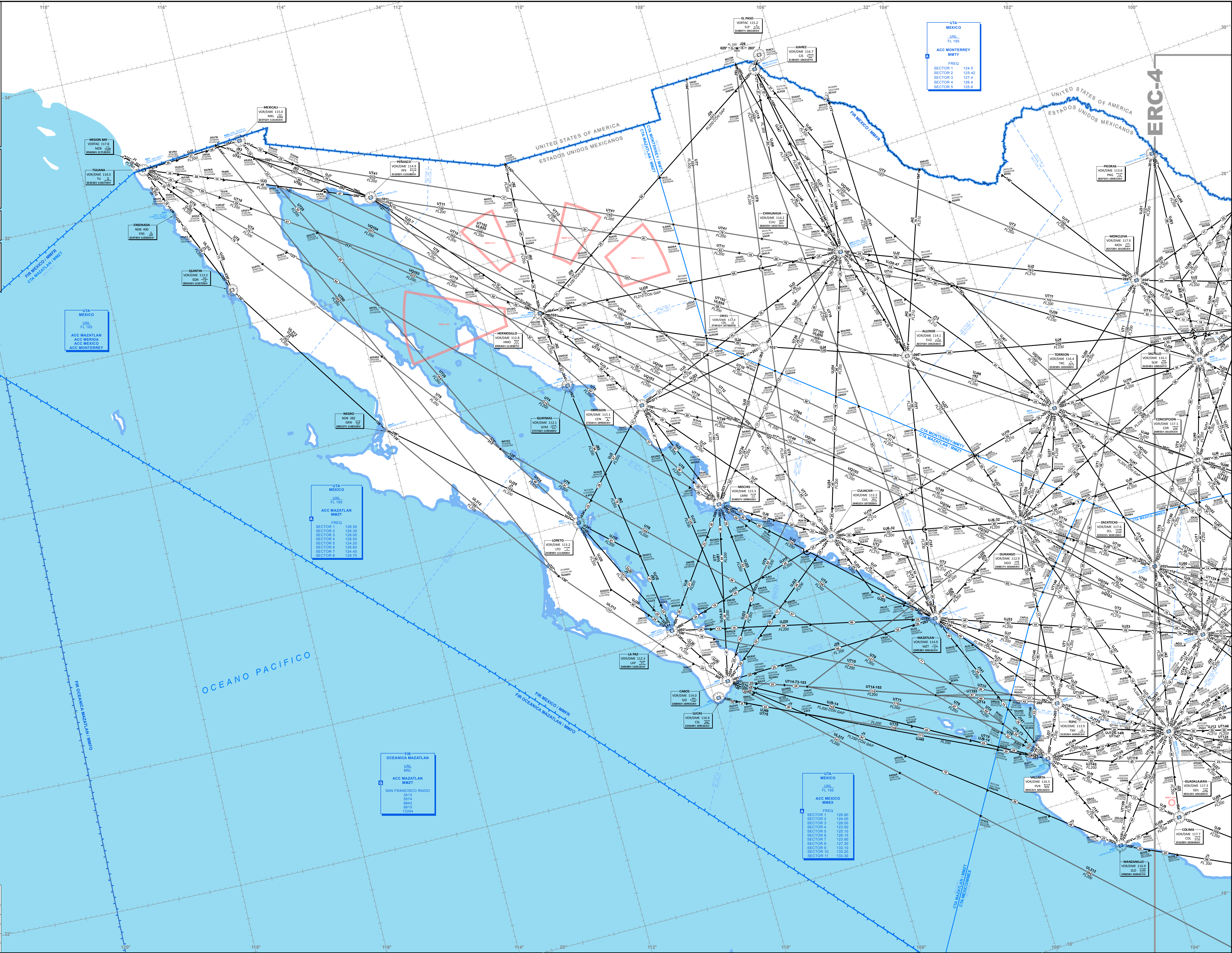
VFR FLIGHTS ARE NOT AUTHORIZED AT OR ABOVE FL 200

TODO EL EAS (ERC-3 Y ERC-4) DENTRO DE LAS FIR MEXICO SE CLASIFICA COMO ESPACIO AEREO CLASE A

ALL THE UPPER AIRSPACE (ERC-3 Y ERC-4) WITHIN THE FIR MEXICO IS CLASSIFIED AS CLASS A AIRSPACE

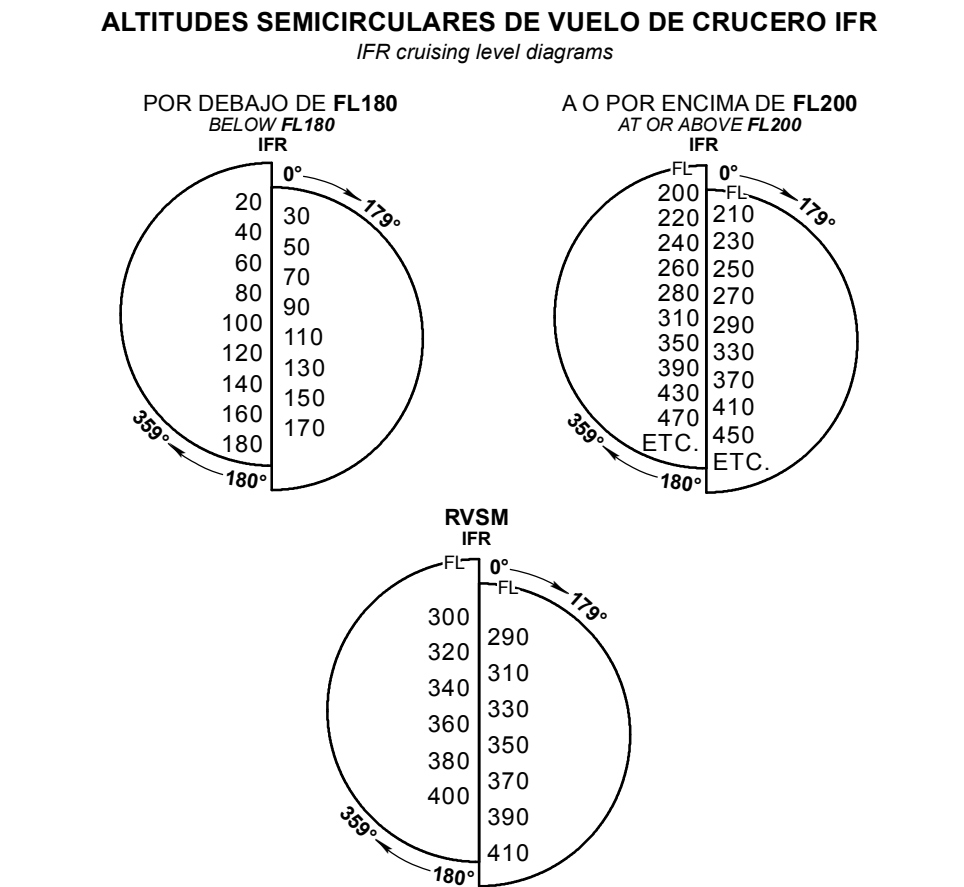
VER ENR 1.4 / SEE ENR 1.4

| IDENTIFICATION<br>Identification | LIMITE SUPERIOR<br>Upper Limit | LIMITE INFERIOR<br>Lower Limit |
|----------------------------------|--------------------------------|--------------------------------|
| MMP-160<br>VOLCAN DE COLUMA      | UNL<br>GND                     |                                |
| MMR-408                          | 19000 AMSL<br>3000 AGL         |                                |
| MMR-411-C                        | 19000 AMSL<br>1000 AGL         |                                |
| MMR-417                          | 19000 AMSL<br>1000 AGL         |                                |
| MMR-418                          | 19000 AMSL<br>1000 AGL         |                                |

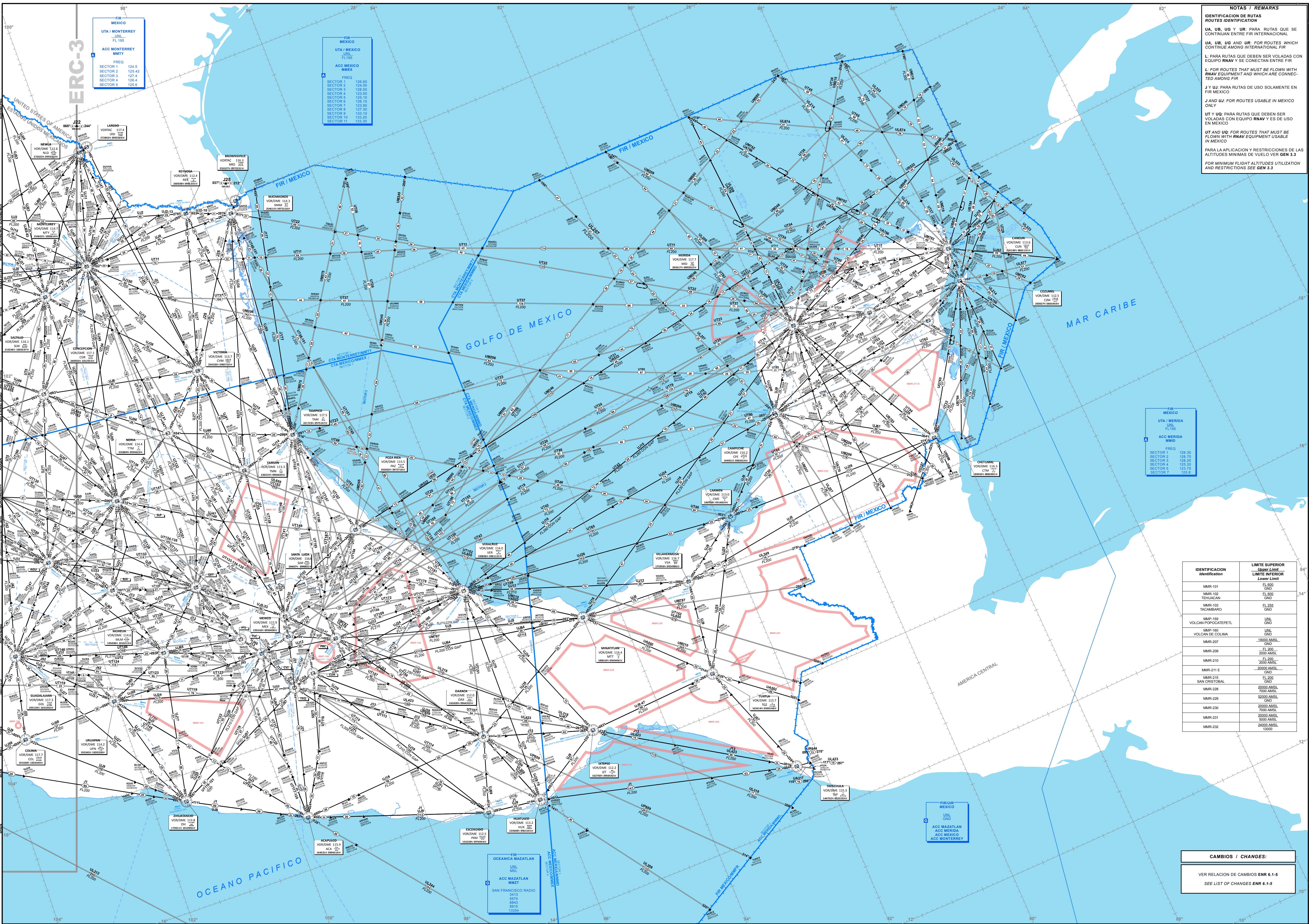


AIP DE MEXICO  
SICT - AFAC - SENEAM  
CARTA DE NAVEGACION EN RUTA  
ESPACIO AEREO SUPERIOR  
HIGH ALTITUDE ENROUTE CHART  
FECHA DE EFECTIVIDAD  
Effective  
31-OCT-2024 AMDT AIRAC 11/24

VER RELACION DE CAMBIOS ENR 6.1-5 / See list of changes ENR 6.1-5  
PARA INFORMACION MAS RECIENTE, CONSULTE NOTAM VIGENTES / Consult current NOTAM for latest information



| CLAVE<br>LEGEND                                                                                                 |                                                             |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| AERODROMO<br>Aerodrome                                                                                          |                                                             |
| DESIGNADOR OACI / ICAO Designator                                                                               | — BENITO JUAREZ INTL                                        |
| NOMBRE ADO AND Name                                                                                             | — FIBUR MEXICO / MEX                                        |
| REGION DE INFORMACION DE VUELO (FIR)<br>Flight Information Region                                               |                                                             |
| NOMBRE FIR / FIR Name                                                                                           | — FIBUR MEXICO / MEX                                        |
| LIMITE SUPERIOR / Upper limit                                                                                   | — FIBUR MEXICO / MEX                                        |
| CLASE DE ESPACIO AEREO / Airspace class                                                                         | — ACC MAZATLAN<br>ACC MERIDA<br>ACC MEXICO<br>ACC MONTERREY |
| LIMITE INFERIOR / Lower limit                                                                                   | — ACC MAZATLAN<br>ACC MERIDA<br>ACC MEXICO<br>ACC MONTERREY |
| UNIDAD QUE PROPORCIONA EL SERVICIO / UNIT providing service                                                     | — ACC MAZATLAN<br>ACC MERIDA<br>ACC MEXICO<br>ACC MONTERREY |
| VER DETALLES EN ENR 2.1 / See ENR 2.1 for details                                                               |                                                             |
| AREA DE CONTROL TERMINAL (TMA)<br>Terminal Control Area                                                         | — TMA MEXICO                                                |
| VER DETALLES EN ENR 2.1 / See ENR 2.1 for details                                                               |                                                             |
| ZONA DE TRANSITO DE AERODROMO (ATZ)<br>Aerodrome Transit Zone                                                   | — ATZ DURANGO                                               |
| VER DETALLES EN ENR 2.1 / See ENR 2.1 for details                                                               |                                                             |
| ZONA DE CONTROL (CTR)<br>Control Zone                                                                           | — CTR MEXICO                                                |
| VER DETALLES EN ENR 2.1 / See ENR 2.1 for details                                                               |                                                             |
| AREA DE CONTROL (CTA)<br>Control Area                                                                           | — CTA MEXICO / MEX                                          |
| VER DETALLES EN ENR 2.1 / See ENR 2.1 for details                                                               |                                                             |
| SECTOR<br>Sector                                                                                                | — SECTOR 1                                                  |
| VER DETALLES EN ENR 2.1 / See ENR 2.1 for details                                                               |                                                             |
| RUTA ATS<br>ATS routes                                                                                          | — V3<br>— 0795<br>— 1575                                    |
| DESIGNADOR DE RUTA / Route designator                                                                           | — V3<br>— 0795<br>— 1575                                    |
| DERROTA MAGNETICA / Magnetic track                                                                              | — 1575                                                      |
| DISTANCIA EN MILLAS NAUTICAS / Distance in nautical miles                                                       | — 1575                                                      |
| ALTITUD MINIMA EN RUTA / Minimum enroute altitude                                                               | — 1575                                                      |
| RUTA DE NAVEGACION DE AREA (RNAV)<br>Area Navigation route                                                      | — L207<br>— 1575                                            |
| DESIGNADOR DE RUTA / Route designator                                                                           | — L207<br>— 1575                                            |
| DERROTA MAGNETICA / Magnetic track                                                                              | — 1575                                                      |
| DISTANCIA EN MILLAS NAUTICAS / Distance in nautical miles                                                       | — 1575                                                      |
| LIMITE VERTICAL / Vertical limit                                                                                | — 1575                                                      |
| PUNTO DE CAMBIO (COP)<br>Change - Clear Point                                                                   | — 96<br>— 42                                                |
| DISTANCIA EN MILLAS NAUTICAS DESDE VOR ASOCIADO / Distance in nautical miles from associated VOR navigation aid | — 96<br>— 42                                                |
| PUNTO DE RECORRIDO (WPT)<br>Way - Point                                                                         |                                                             |
| OBLIGATORIO DE PASO / Fly-over compulsory                                                                       | —                                                           |
| FACULTATIVO DE PASO / Fly-by request                                                                            | —                                                           |
| OBLIGATORIO SOBREVUELO / Fly-over compulsory                                                                    | —                                                           |
| FACULTATIVO SOBREVUELO / Fly-over on request                                                                    | —                                                           |
| NOMBRE / Name                                                                                                   | — AXGVI<br>— 22481.0N<br>— 09145.43W                        |
| COORDENADAS GEOGRAFICAS / Geographical coordinates                                                              | — AXGVI<br>— 22481.0N<br>— 09145.43W                        |
| PUNTO DE NOTIFICACION (REP)<br>Reporting Point                                                                  |                                                             |
| OBLIGATORIO / Compulsory                                                                                        | —                                                           |
| FACULTATIVO / On request                                                                                        | —                                                           |
| PUNTO DE NOTIFICACION ATS/MET (MRP)<br>ATS/MET Reporting Point                                                  |                                                             |
| OBLIGATORIO / Compulsory                                                                                        | —                                                           |
| FACULTATIVO / On request                                                                                        | —                                                           |
| ESPACIO AEREO RESTRINGIDO<br>Restricted Airspace                                                                |                                                             |
| IDENTIFICACION DEL AREA / Identification of area                                                                | — MEX-2<br>— 1000 AMSL<br>— GND                             |
| LETRA NACIONALIDAD / Nationality letter                                                                         | — MEX-2<br>— 1000 AMSL<br>— GND                             |
| LIMITE VERTICAL / Vertical limit                                                                                | — MEX-2<br>— 1000 AMSL<br>— GND                             |
| P - PROHIBIDA / Prohibited                                                                                      | — MEX-2<br>— 1000 AMSL<br>— GND                             |
| R - RESTRICTADA / Restricted                                                                                    | — MEX-2<br>— 1000 AMSL<br>— GND                             |
| D - PELIGROSA / Dangerous                                                                                       | — MEX-2<br>— 1000 AMSL<br>— GND                             |
| VER DETALLES EN ENR 5.1 / See ENR 5.1 for details                                                               |                                                             |
| RADIOFARO OMNIDIRECCIONAL VHF (VOR)<br>VHF Omnidirectional Radio Range                                          |                                                             |
| ROSAS DE LOS VIENTOS ORIENTADA RESPECTO AL NORTE MAGNETICO / Compass rose orientated to Magnetic North          | —                                                           |
| RADIOFARO NO DIRECCIONAL (NDB)<br>Non - Directional Beacon                                                      |                                                             |
| EQUIPO RADIOTELEMETRICO (DME)<br>Distance Measuring Equipment                                                   | —                                                           |
| RADIOAYUDAS VOR Y DME INSTALADAS CONJUNTAMENTE (VOR/DME)<br>Co - located VOR and DME navigation aids            | —                                                           |
| IDENTIFICACION DE LAS RADIOAYUDAS (NAVAID)<br>Identification for radio navigation aids                          | — MEXICO<br>VOR/DME 115.9<br>— MEX<br>— 192618N 090408W     |
| NOMBRE / Name                                                                                                   | — MEXICO<br>VOR/DME 115.9<br>— MEX<br>— 192618N 090408W     |
| NAVAID FRECUENCIA IDENTIFICACION O SEÑAL DISTINTIVA / NAVAID frequency identification or call sign              | — MEXICO<br>VOR/DME 115.9<br>— MEX<br>— 192618N 090408W     |
| COORDENADAS GEOGRAFICAS / Geographical coordinates                                                              | — MEXICO<br>VOR/DME 115.9<br>— MEX<br>— 192618N 090408W     |



NOTAS / REMARKS

IDENTIFICACION DE RUTAS  
ROUTES IDENTIFICATION

UA, UB, UG Y UR: PARA RUTAS QUE SE CONTINUAN ENTRE FIR INTERNACIONAL

UA, UB, UG AND UR: FOR ROUTES WHICH CONTINUE AMONG INTERNATIONAL FIR

L: PARA RUTAS QUE DEBEN SER VOLADAS CON EQUIPO RNAV Y SE CONECTAN ENTRE FIR

L: FOR ROUTES THAT MUST BE FLOWN WITH RNAV EQUIPMENT AND WHICH ARE CONNECTED AMONG FIR

J Y UJ: PARA RUTAS DE USO SOLAMENTE EN FIR MEXICO

J AND UJ: FOR ROUTES USABLE IN MEXICO ONLY

UT Y UQ: PARA RUTAS QUE DEBEN SER VOLADAS CON EQUIPO RNAV Y ES DE USO EN MEXICO

UT AND UQ: FOR ROUTES THAT MUST BE FLOWN WITH RNAV EQUIPMENT USABLE IN MEXICO

PARA LA APLICACION Y RESTRICCIONES DE LAS ALTITUDES MINIMAS DE VUELO VER ENR 3.3

FOR MINIMUM FLIGHT ALTITUDES UTILIZATION AND RESTRICTIONS SEE ENR 3.3

| IDENTIFICACION<br>Identification | LIMITE SUPERIOR<br>Upper Limit<br>LIMITE INFERIOR<br>Lower Limit |
|----------------------------------|------------------------------------------------------------------|
| MMR-101                          | GND<br>GND                                                       |
| MMR-102                          | EL 800<br>GND                                                    |
| TEHUACAN                         | EL 800<br>GND                                                    |
| MMR-103                          | EL 200<br>GND                                                    |
| TACAHUAC                         | EL 200<br>GND                                                    |
| MMR-159                          | LINE<br>GND                                                      |
| VOLCAN POPocatepetl              | LINE<br>GND                                                      |
| MMR-160                          | LINE<br>GND                                                      |
| VOLCAN CINTA DE AZUL             | LINE<br>GND                                                      |
| MMR-207                          | 19000 AMSL<br>GND                                                |
| MMR-209                          | EL 200<br>2000 AMSL                                              |
| MMR-210                          | EL 200<br>2000 AMSL                                              |
| MMR-211                          | EL 200<br>2000 AMSL                                              |
| MMR-212                          | EL 200<br>2000 AMSL                                              |
| MMR-213                          | EL 200<br>2000 AMSL                                              |
| MMR-215                          | EL 200<br>2000 AMSL                                              |
| SAN CRISTOBAL                    | EL 200<br>2000 AMSL                                              |
| MMR-228                          | EL 200<br>7000 AMSL                                              |
| MMR-229                          | 6000 AMSL<br>7000 AMSL                                           |
| MMR-230                          | 6000 AMSL<br>7000 AMSL                                           |
| MMR-231                          | 6000 AMSL<br>7000 AMSL                                           |
| MMR-232                          | 24000 AMSL<br>GND                                                |
| MMR-233                          | 24000 AMSL<br>GND                                                |

**RELACION DE CAMBIOS DE LAS CARTAS DE RUTA ESPACIO AEREO  
INFERIOR ERC-1/2  
ENR (6.1-1 / 6.1-2)**

ELSOM, SEDUN; CTR: CZA, HMO, PQE, MAM, REX, SLW; CNL ATZ: CZA, PQE

**RELACION DE CAMBIOS DE LAS CARTAS DE RUTA ESPACIO AEREO  
SUPERIOR ERC-3  
ENR (6.1-3)**

ELSOM, TOYAC, SEDUN