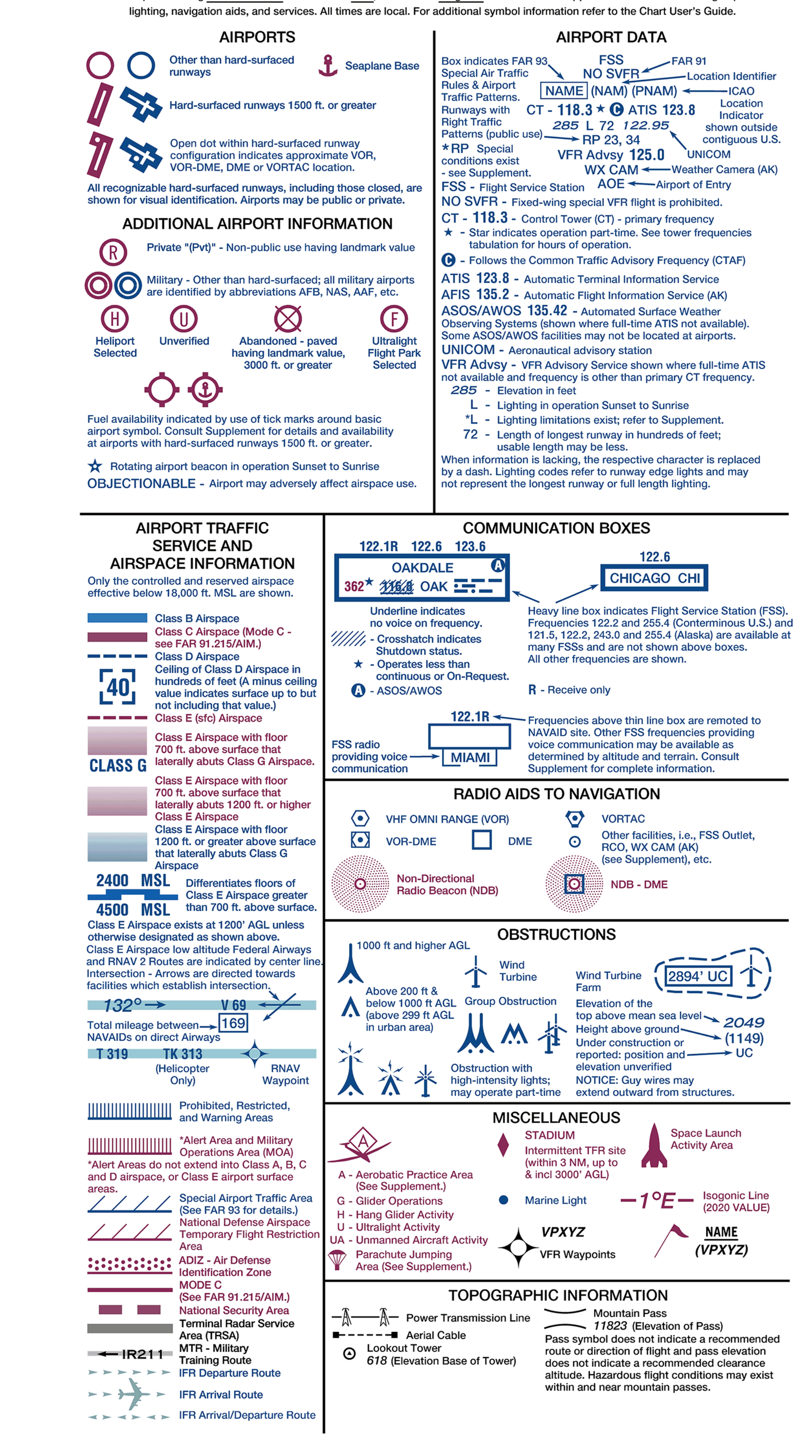
# VFR TERMINAL AREA CHART SAN DIEGO

VFR FLYWAY — SAN DIEGO

Airports having Control Towers are shown in Blue, all others in Magenta. Consult Chart Supplement for details involving airport lighting, navigation aids, and services. All times are local. For additional symbol information refer to the Chart User's Guide.




## FOR PROCUREMENT

FOR PROCUREMENT: For digital products, visit http://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/
For a list of approved FAA Print Providers, visit our website at: http://www.faa.gov/air_traffic/flight_info/aeronav/print_providers/

## REPORTING CHART ERRORS

You are requested to inform us of chart errors and/or additions that come to your attention while using this chart. See frequently asked questions (FAQs) on our website at http://faa.gov/go/ais/ prior to contacting us via toll free number at 1-800-638-8972 or visit https://www.faa.gov/air_traffic/flight_info/aeronav/aero_data/ or mail to: FAA, Aeronautical Information Services,1305 East-West Highway, SSMC 4, Suite 4400, Silver Spring, MD 20910-3281.

## MILITARY TRAINING ROUTES (MTRs)

All IR and VR MTRs are shown, and may extend from the surface upwards. Only the route centerline, direction of flight along the route, and the route designator are depicted - route widths and altitudes are not shown.

DoD users refer to Area Planning AP/1B Military Training Routes North and South America for current routes.

CAUTION: Severe turbulence may occur over rugged terrain. See AIM.

CAUTION: This chart is primarily designed for VFR navigational purposes and does not purport to indicate the presence of all power transmission and telecommunication lines, terrain or obstacles which may be encountered below reasonable and safe altitudes.

## CONTROL TOWER FREQUENCIES ON SAN DIEGO TERMINAL AREA CHART

Airports with control towers are indicated on the face of the chart by the letters CT followed by the primary VHF tower frequency(ies). Information for each tower is listed in the table below. Operational hours are local time. The primary VHF and UHF tower and ground control frequencies are listed.

Automatic Terminal Information Service (ATIS) frequencies shown on the face of the chart are arrival VHF/UHF frequencies. All ATIS frequencies are listed in the table below. ATIS operational hours may differ from tower operational hours.

ASR and/or PAR indicate Radar Instrument Approach available.

"MON-FRI" indicates Monday through Friday.

O/T indicates other times.

| CONTROL TOWER | OPERATES | TOWER | GND CON | ATIS | ASR/PAR |
|---|---|---|---|---|---|
| BROWN FLD MUNI | 0800-2000 | 128.25 225.4 | 124.4 | 132.35 | |
| CAMP PENDLETON MCAS (MUNN FLD) | 0800-2400 MON-THU<br>0800-1700 FRI<br>CLSD HOL | 128.775 340.2 | 134.675 360.2 | 285.45 | ASR/PAR |
| GILLESPIE FLD | 0700-2100 | 120.7 257.8 | 121.7 | 125.45 | |
| IMPERIAL BEACH NOLF (REAM FLD) | 0800-2230 MON-THU<br>(0800-2300 DST)<br>0800-1800 FRI<br>CLSD 1800 PRIOR TIL 0800 FLWG HOL | 120.65 239.25 | 285.575 | 276.2 | |
| MC CLELLAN–PALOMAR | 0700-2200 | 118.6 276.4 | 121.8 | 120.15 | |
| MIRAMAR MCAS (JOE FOSS FLD) | 0730-2400 MON-THU<br>0830-1800 FRI<br>1400-1800 SUN<br>CLSD HOL | 135.2 298.925 | 128.625 307.325 | 133.475<br>352.0 | ASR/PAR |
| MONTGOMERY-GIBBS EXEC | 0600-2100 | 119.2 (EXC RWY 28R 1000-1800)<br>125.7 (RWY 28R 1000-1800)<br>269.4 | 118.225 | 126.9 | |
| NORTH ISLAND NAS (HALSEY FLD) | 0630 MON-2200 FRI<br>0800-2200 SAT-SUN<br>CLSD 1800 PRIOR TO 0630 FLWG FED HOL | 135.1 336.4 | 118.0 360.675 | 317.8 | ASR/PAR |
| RAMONA | 0800-2000 | 119.875 | 121.65 | 132.025 | |
| SAN DIEGO INTL | CONTINUOUS | 118.3 338.225 | 123.9 | 134.8 | |

## CLASS B, CLASS C, TRSA, AND SELECTED APPROACH CONTROL FREQUENCIES

| FACILITY | FREQUENCIES | SERVICE AVAILABILITY |
|---|---|---|
| SAN DIEGO CLASS B | 132.2 269.1 (029°-061° 14,000 & BLW)<br>124.35 279.625 (062°-109° 14,000 & BLW)<br>125.15 317.55 (110°-224° 17,000 & BLW)<br>119.6 363.1 (225°-293° 17,000 & BLW)<br>127.3 323.0 (294°-332° BLW 7000)<br>125.3 290.4 (294°-332° 7000-15,000)<br>127.3 323.0 (333°-028° BLW 7000)<br>132.2 269.1 (333°-028° 7000-11,000) | CONTINUOUS |
| CAMP PENDLETON MCAS (MUNN FLD) | 127.3 323.0 | CONTINUOUS |
| IMPERIAL BEACH NOLF (REAM FLD) | 125.15 317.55 | CONTINUOUS |

## SPECIAL USE AIRSPACE ON SAN DIEGO TERMINAL AREA CHART

Unless otherwise noted altitudes are MSL and in feet. Time is local.
"TO" an altitude means "To and including."
FL – Flight Level
NO A/G – No air to ground communications.
Contact Flight Service for information.

† Other times by NOTAM.
NOTAM – Use of this term in Restricted Areas indicates FAA and DoD NOTAM systems. Use of this term in all other Special Use areas indicates the DoD NOTAM system.

### U.S. P–PROHIBITED, R–RESTRICTED, W–WARNING, A–ALERT, MOA–MILITARY OPERATIONS AREA

| NUMBER | ALTITUDE | TIME OF USE | CONTROLLING AGENCY/ CONTACT FACILITY | FREQUENCIES |
|---|---|---|---|---|
| R-2503 A | TO 2000 | 0600-2400† | LOS ANGELES CNTR | 125.65 |
| R-2503 B | TO 15,000 | 0600-2400† | LOS ANGELES CNTR | 125.65 |
| R-2503 C | 15,000 TO FL 270 | INTERMITTENT BY NOTAM 24 HRS IN ADVANCE | LOS ANGELES CNTR | 125.65 |
| R-2503 D | 2000 TO 11,000 | INTERMITTENT BY NOTAM 24 HRS IN ADVANCE | SOCAL TRACON | 124.1 127.3 |
| W-291 E | TO FL 800 | INTERMITTENT BY NOTAM | LOS ANGELES CNTR | 132.15 (E OF 120 W) |

## SAN DIEGO CLASS B AIRSPACE

See back of this chart for procedural information within the San Diego Class B Airspace

### EXAMPLES OF CLASS B ALTITUDES

70 - - - Ceiling in hundreds of feet MSL
30 - - - Floor in hundreds of feet MSL

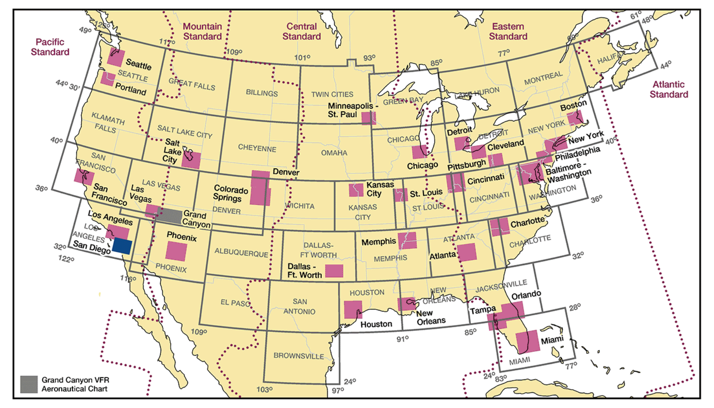
## SAN DIEGO TAC

VFR TERMINAL AREA CHART SCALE 1:250,000

Federal Aviation Administration

EFFECTIVE 0901Z 29 DEC 2022
TO 0901Z 23 FEB 2023

Consult NOTAMs for latest information
Consult/Subscribe to FAA Safety Alerts and Charting Notices at: http://www.faa.gov/air_traffic/flight_info/aeronav/safety_alerts/




Published from digital files compiled in accordance with Interagency Air Committee specifications and agreements approved by Department of Defense - Federal Aviation Administration.

Warning: Refer to current foreign charts and flight information publications for information within foreign airspace.

FAA Product ID: TSD
NSN 7641014099795
NGA REF. NO. VFRTASANDIEGO
EFF. DATE 22363

Features normally used as checkpoints for controlling VFR traffic are emphasized on this series of charts so they may be readily identified.

Example: POWER PLANT

The name shown is that used by the controlling personnel and is not necessarily the official name of the feature.

### NORTH AMERICAN AEROSPACE DEFENSE COMMAND (NORAD) PROCEDURES

All aircraft operating in the U.S. national airspace, if capable, will maintain a listening watch on guard frequencies VHF 121.5 or UHF 243.0. It is incumbent upon all aviators to know and understand their responsibilities if intercepted. Review "AIM" section 5-6-13 for intercept procedures. Additionally, if U.S. military fighter jets intercept an aircraft and flares are dispensed in the area of that aircraft, aviators will pay strict attention, contact air traffic control immediately on the local frequency or on VHF guard 121.5 or UHF 243.0 and follow the interceptor visual ICAO signals. Be advised that non-compliance may result in the use of force.

### ATTENTION

THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF).
The Maximum Elevation Figures shown in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The MEF is based on information available concerning the highest known feature in each quadrangle, including terrain and obstructions (trees, towers, antennas, etc.).

Example: 12,500 feet ........ 12⁵

Flight Following Services are available on request and highly recommended in and around Class B, C, and TRSA areas.

Class G Airspace within the United States extends up to 14,500 feet MSL. At and above this altitude all airspace is within Class E Airspace, excluding the airspace less than 1500 feet above the terrain and certain special use airspace areas.

NOTE: Limited chart information provided outside of U.S. airspace. Refer to DoD (NGA) or foreign charts and flight information publications outside US airspace.

NOTE: Airports outside the U.S. are shown with the standard ○ symbol. Only the airport names and ICAO identifiers are shown.

### REGULATIONS REGARDING FLIGHTS OVER CHARTED NATIONAL PARK SERVICE AREAS, U.S. FISH AND WILDLIFE SERVICE AREAS, BUREAU OF LAND MANAGEMENT AREAS AND U.S. FOREST SERVICE AREAS

The landing of aircraft is prohibited on lands or waters administered by the National Park Service, U.S. Fish and Wildlife Service, Bureau of Land Management or U.S. Forest Service (hereafter referred as Agency/Agencies) without authorization from the respective agency. Exceptions include: 1) when forced to land due to an emergency beyond the control of the operator, 2) at officially designated landing sites, or 3) on approved official business of the Federal Government. All aircraft are requested to maintain a minimum altitude of 2,000 feet above the surface of the following: National Parks, Monuments, Seashores, Lakeshores, Recreation Areas, Scenic Riverways,Wildlife Refuges, Big Game Regufes, Game Ranges, Wildlife Ranges, Conservation Areas, Wild and Scenic Rivers, Wilderness Areas and Primitive Areas administered by the Agencies.FAA Advisory Circular (AC) 91-36, "Visual Flight Rules (VFR) Flight Near Noise-Sensitive Areas," definesthe surface as: the highest terrain within 2,000 feet laterally of the route of flight, or the upper-most rim of a canyon or valley.
Federal regulations also prohibit airdrops by parachute or other means of persons, cargo, or objects from aircraft on lands administered by the four agencies without authorization from the respective agency. Exceptions include: 1) emergencies involving the safety of human life, or 2) threat of serious property loss.

• • • • • • • • Boundary of Agency Areas

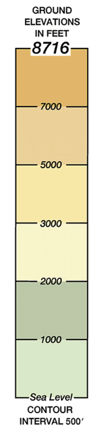
CAUTION: Unmanned Aircraft Systems (UAS) may be approved to operate above critical infrastructure including obstacles and linear features such as high-voltage powerlines, pipelines and railroads. Check NOTAMs and see AIM for details.

Entire area of this chart is within the Pacific Standard Time Zone -8 (+7 DT) = UTC

Lambert Conformal Conic Projection Standard Parallels 33° and 45°
Horizontal Datum: North American Datum of 1983 (World Geodetic System 1984)

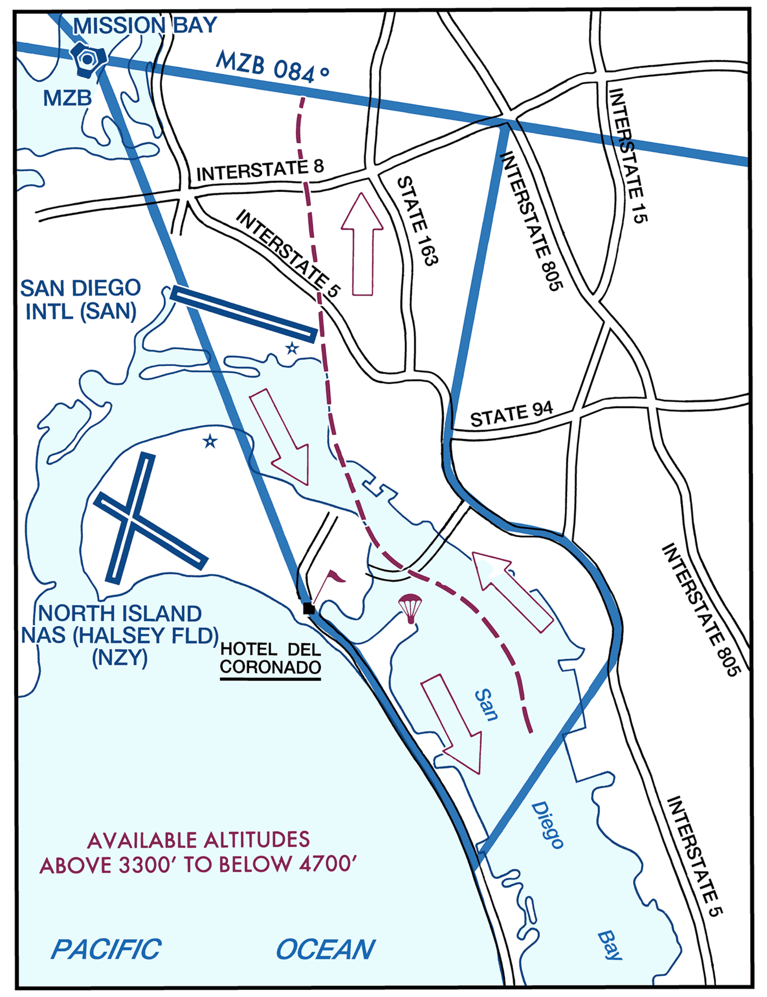
CONVERSION OF ELEVATIONS

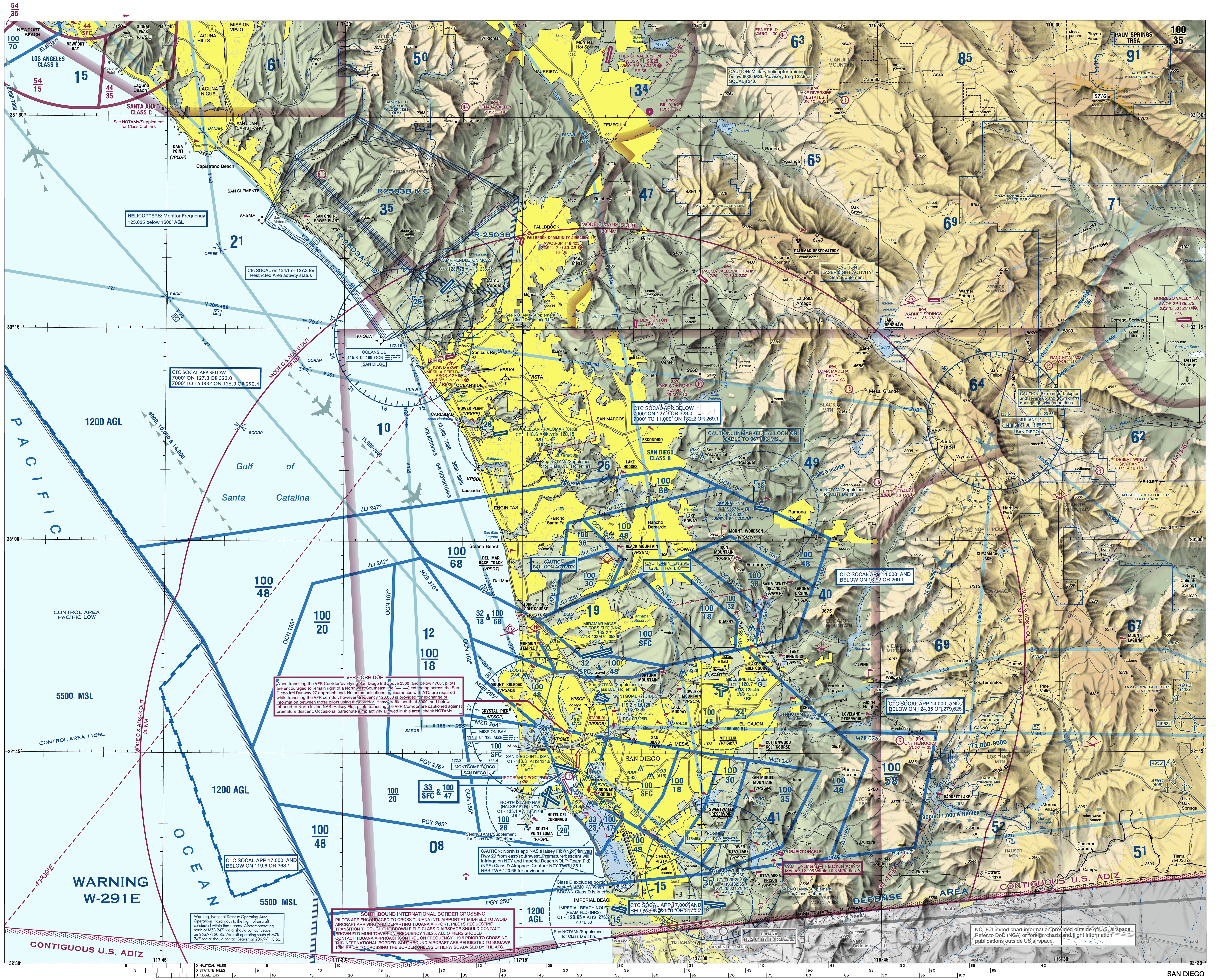
| FEET (Thousands) | 0 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| METERS (Thousands) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | | |

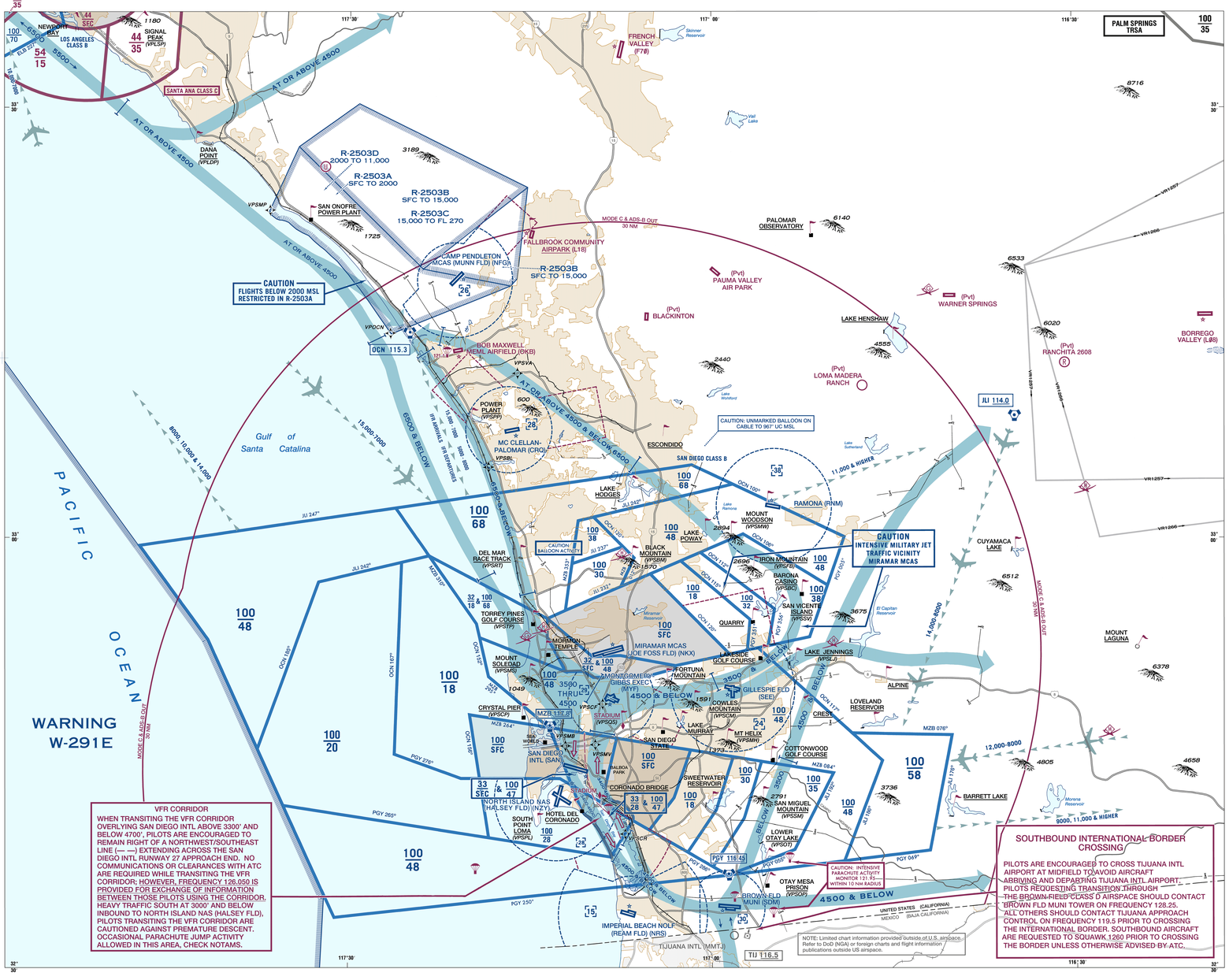



## VFR CORRIDOR

When transiting the VFR Corridor overlying San Diego Intl above 3300′ and below 4700′, pilots are encouraged to remain right of a Northwest/Southeast line (— —) extending across the San Diego Intl Runway 27 approach end. No communications or clearances with ATC are required while transiting the VFR corridor; however, frequency 126.050 is provided for exchange of information between those pilots using the corridor. Heavy traffic south at 3000′ and below inbound to North Island NAS (Halsey Fld), pilots transiting the VFR Corridor are cautioned against premature descent. Occasional parachute jump activity allowed in this area, check NOTAMs.






# VFR FLYWAY PLANNING CHART
## SAN DIEGO
### NOT TO BE USED FOR NAVIGATION

Scale 1:250,000

**AIRPORTS**
Paved Runways
NAME (NAM)
NAME (NAM)
Unpaved Runways
NAME (NAM)

**RADIO AIDS TO NAVIGATION**
VOR — DLG 138.8
NDB — DCW 262
VORTAC — PPS 121.8
NDB-DME — RMW 320
VOR-DME — KIP 110.7
DME — PVU CH 21 (108.4)

**AIRPORT TRAFFIC SERVICE AND AIRSPACE INFORMATION**

Class B Airspace
Class C Airspace (Mode C - see FAR 91.215/AIM.)
Class B/C Surface Area
Prohibited, Restricted, and Warning Areas
*Alert Area and Military Operations Area (MOA)
*Alert Areas do not extend into Class A, B, C and D airspace, or Class E airport surface areas.

Examples of Class B Airspace Altitudes
70 - - - Ceiling in hundreds of feet MSL
30 - - - Floor in hundreds of feet MSL
Mode C (See FAR 91.215/AIM.)
Class D Airspace
40 — Ceiling of Class D Airspace in hundreds of feet (A minus ceiling value indicates surface up to but not including that value.)
Class E (sfc) Airspace

IFR Departure Routes
IFR Arrival Routes
IFR Arrival/Departure Routes

**Suggested VFR Flyway and Altitude**
2600 — 6700

**OBSTRUCTIONS (Selected)**
2049

**MISCELLANEOUS Navigation Reference Point**
N39° 56.32'
W120° 36.91'

NOTE: REFER TO CURRENT MEXICAN CHARTS AND FLIGHT INFORMATION PUBLICATIONS FOR INFORMATION WITHIN MEXICAN AIRSPACE

**TOPOGRAPHIC INFORMATION**
12256 — Mountain Top or Peak and Spot Elevation

**THIS CHART IDENTIFIES VFR FLYWAYS DESIGNED TO HELP VFR PILOTS AVOID MAJOR CONTROLLED TRAFFIC FLOWS. IT DEPICTS MULTIPLE VFR ROUTINGS THROUGHOUT THE SAN DIEGO AREA WHICH MAY BE USED AS ALTERNATES TO FLIGHT WITHIN THE ESTABLISHED CLASS B/CLASS C AIRSPACE. ITS GROUND REFERENCES PROVIDE A GUIDE FOR IMPROVED VISUAL NAVIGATION. THIS IS NOT INTENDED TO DISCOURAGE REQUESTS FOR VFR OPERATIONS WITHIN THE CLASS B/CLASS C AIRSPACE BUT IS DESIGNED SOLELY FOR INFORMATION AND PLANNING PURPOSES.**

## CAUTION

**THE ENTIRE SAN DIEGO AREA IS HEAVILY CONGESTED WITH MANY DIFFERENT AIRCRAFT TYPES. THESE ROUTE SUGGESTIONS ARE NOT STERILE OF OTHER TRAFFIC; THEY ARE AREAS WE BELIEVE LEAST CONGESTED IN AN AREA OF HEAVY CONGESTION. PILOT ADHERENCE TO VFR RULES MUST BE EXERCISED AT ALL TIMES. COMMUNICATIONS MUST BE MAINTAINED BETWEEN AIRCRAFT AND CONTROL TOWERS WHILE IN CLASS D AIRSPACE.**

### SAN DIEGO CLASS B AIRSPACE RADIAL / DME- AREA VORs

| | OCN | JLI | PGY | TIJ |
|---|---|---|---|---|
| 1 | 217°/ 24 | 247°/ 61 | 285°/ 47 | 289°/ 50 |
| 2 | 198°/ 26 | 240°/ 38 | 260°/ 40 | 261°/ 43 |
| 3 | 183°/ 31 | 222°/ 57 | 241°/ 34 | 277°/ 37 |
| 4 | 180°/ 34 | 237°/ 57 | 265°/ 31 | 273°/ 34 |
| 5 | 172°/ 41 | 219°/ 39 | 230°/ 28 | 259°/ 29 |
| 6 | 185°/ 19 | 242°/ 50 | 292°/ 35 | 296°/ 39 |
| 7 | 175°/ 12 | 247°/ 43 | 304°/ 35 | 327°/ 33 |
| 8 | 167°/ 16 | 242°/ 44 | 300°/ 32 | 203°/ 33 |
| 9 | 167°/ 29 | 227°/ 49 | 276°/ 23 | 283°/ 38 |
| 10 | 160°/ 16 | 242°/ 42 | 303°/ 30 | 306°/ 34 |
| 11 | 153°/ 21 | 234°/ 40 | 301°/ 33 | 305°/ 29 |
| 12 | 152°/ 22 | 233°/ 40 | 300°/ 24 | 304°/ 28 |
| 13 | 152°/ 23 | 229°/ 41 | 296°/ 22 | 301°/ 33 |
| 14 | 158°/ 31 | 222°/ 46 | 276°/ 20 | 283°/ 23 |
| 15 | 156°/ 36 | 217°/ 47 | 265°/ 17 | 277°/ 19 |
| 16 | 139°/ 22 | 232°/ 35 | 311°/ 22 | 314°/ 24 |
| 17 | 141°/ 23 | 220°/ 36 | 309°/ 21 | 312°/ 25 |
| 18 | 100°/ 22 | 247°/ 23 | 341°/ 29 | 339°/ 33 |
| 19 | 123°/ 18 | 242°/ 31 | 333°/ 27 | 324°/ 31 |
| 20 | 120°/ 18 | 242°/ 30 | 335°/ 27 | 336°/ 33 |
| 21 | 130°/ 20 | 239°/ 24 | 319°/ 24 | 321°/ 29 |
| 22 | 120°/ 21 | 237°/ 29 | 328°/ 24 | 328°/ 28 |
| 23 | 120°/ 22 | 235°/ 28 | 330°/ 23 | 329°/ 27 |
| 24 | 136°/ 22 | 232°/ 34 | 313°/ 22 | 317°/ 26 |
| 25 | 133°/ 23 | 232°/ 30 | 320°/ 21 | 330°/ 24 |
| 26 | 135°/ 26 | 226°/ 34 | 314°/ 18 | 317°/ 22 |
| 27 | 140°/ 28 | 226°/ 34 | 308°/ 18 | 312°/ 22 |
| 28 | 138°/ 26 | 225°/ 35 | 311°/ 17 | 314°/ 22 |
| 29 | 137°/ 27 | 224°/ 34 | 312°/ 17 | 315°/ 21 |
| 30 | 132°/ 27 | 224°/ 32 | 320°/ 17 | 322°/ 21 |
| 31 | 126°/ 30 | 219°/ 29 | 332°/ 15 | 331°/ 19 |
| 32 | 127°/ 30 | 219°/ 29 | 331°/ 15 | 331°/ 19 |
| 33 | 131°/ 29 | 220°/ 31 | 323°/ 15 | 324°/ 19 |
| 34 | 130°/ 34 | 233°/ 37 | 333°/ 22 | 331°/ 26 |
| 35 | 115°/ 33 | 232°/ 25 | 337°/ 22 | 336°/ 26 |
| 36 | 112°/ 35 | 232°/ 24 | 341°/ 23 | 339°/ 27 |
| 37 | 106°/ 37 | 233°/ 20 | 349°/ 24 | 343°/ 28 |
| 38 | 120°/ 32 | 215°/ 26 | 347°/ 15 | 343°/ 20 |
| 39 | 113°/ 31 | 218°/ 23 | 351°/ 18 | 347°/ 22 |
| 40 | 112°/ 32 | 217°/ 21 | 356°/ 19 | 351°/ 23 |
| 41 | 118°/ 32 | 214°/ 24 | 351°/ 16 | 346°/ 20 |
| 42 | 116°/ 33 | 212°/ 23 | 356°/ 16 | 350°/ 20 |
| 43 | 112°/ 35 | 208°/ 21 | 005°/ 18 | 358°/ 21 |
| 44 | 100°/ 33 | 220°/ 14 | 005°/ 23 | 360°/ 29 |
| 45 | 106°/ 34 | 213°/ 17 | 005°/ 21 | 359°/ 35 |
| 46 | 117°/ 33 | 213°/ 24 | 354°/ 14 | 348°/ 20 |
| 47 | 117°/ 42 | 192°/ 23 | 027°/ 13 | 014°/ 16 |
| 48 | 117°/ 44 | 186°/ 25 | 039°/ 13 | 024°/ 17 |
| 49 | 123°/ 48 | 186°/ 33 | 049°/ 08 | 039°/ 09 |
| 50 | 111°/ 47 | 176°/ 22 | 044°/ 18 | 032°/ 30 |
| 51 | 120°/ 51 | 176°/ 31 | 066°/ 14 | 053°/ 14 |
| 52 | 156°/ 37 | 227°/ 43 | 288°/ 21 | 295°/ 33 |
| 53 | 156°/ 31 | 277°/ 45 | 277°/ 19 | 286°/ 22 |
| 54 | 145°/ 29 | 222°/ 39 | 295°/ 16 | 302°/ 20 |
| 55 | 146°/ 33 | 217°/ 40 | 286°/ 13 | 296°/ 17 |
| 56 | 131°/ 35 | 209°/ 32 | 329°/ 09 | 329°/ 14 |
| 57 | 135°/ 37 | 207°/ 35 | 311°/ 07 | 318°/ 11 |
| 58 | 139°/ 38 | 207°/ 38 | 285°/ 06 | 303°/ 10 |
| 59 | 128°/ 37 | 205°/ 31 | 349°/ 08 | 342°/ 12 |
| 60 | 132°/ 39 | 202°/ 34 | 338°/ 05 | 332°/ 09 |
| 61 | 137°/ 41 | 202°/ 38 | 286°/ 03 | 311°/ 07 |
| 62 | 123°/ 39 | 201°/ 30 | 003°/ 08 | 351°/ 12 |
| 63 | 130°/ 41 | 199°/ 33 | 002°/ 04 | 343°/ 08 |
| 64 | 138°/ 43 | 199°/ 38 | 284°/ 01 | 320°/ 05 |
| 65 | 121°/ 43 | 192°/ 28 | 032°/ 10 | 014°/ 13 |
| 66 | 128°/ 45 | 192°/ 34 | 055°/ 05 | 013°/ 07 |
| 67 | 134°/ 44 | 197°/ 37 | 000°/ 00 | 338°/ 04 |
| 68 | 145°/ 36 | 213°/ 41 | 279°/ 11 | 292°/ 14 |
| 69 | 144°/ 39 | 208°/ 41 | 265°/ 08 | 286°/ 11 |
| 70 | 138°/ 32 | 216°/ 35 | 307°/ 12 | 313°/ 16 |
| 71 | 100°/ 25 | 242°/ 20 | 347°/ 27 | 344°/ 31 |
| 72 | 140°/ 37 | 209°/ 38 | 284°/ 08 | 301°/ 11 |

### SAN DIEGO CLASS B AIRSPACE

OPERATING RULES AND PILOT/EQUIPMENT REQUIREMENTS. Regardless of weather conditions, an ATC authorization is required prior to operating within the Class B Airspace. Pilots should not request an authorization to operate within the Class B Airspace unless the requirements of FAR 91.215 and FAR 91.131 are met. Included among those requirements are:

1. Unless otherwise authorized by ATC, an operable two-way radio capable of communicating with ATC on appropriate frequencies for that Class B Airspace.
2. No person may take off or land a civil aircraft at an airport within the Class B Airspace or operate a civil aircraft within the Class B Airspace unless:
   (a) The pilot in command holds at least a Private Pilot certificate, or holds a Recreational Pilot certificate and has met the requirements of FAR 61.101(d), or holds a Sport Pilot certificate and has met the requirements of FAR 61.325; or
   (b) The aircraft is operated by a student pilot who has met the requirements of FAR 61.94 or FAR 61.95 as applicable.
3. Unless otherwise authorized by ATC, each person operating a large turbine engine-powered aircraft to or from a primary airport shall operate at or above the designated floors while within the lateral limits of the Class B Airspace.
4. An operable VOR or TACAN receiver for IFR operations.
5. A transponder with automatic altitude reporting equipment.

NOTE: ATC may, upon notification, immediately authorize a deviation from the altitude reporting equipment requirement or for a transponder failure; however, other requests for deviations from the transponder equipment requirement must be submitted to the controlling ATC facility at least one hour before the proposed operation.

FLIGHT PROCEDURES

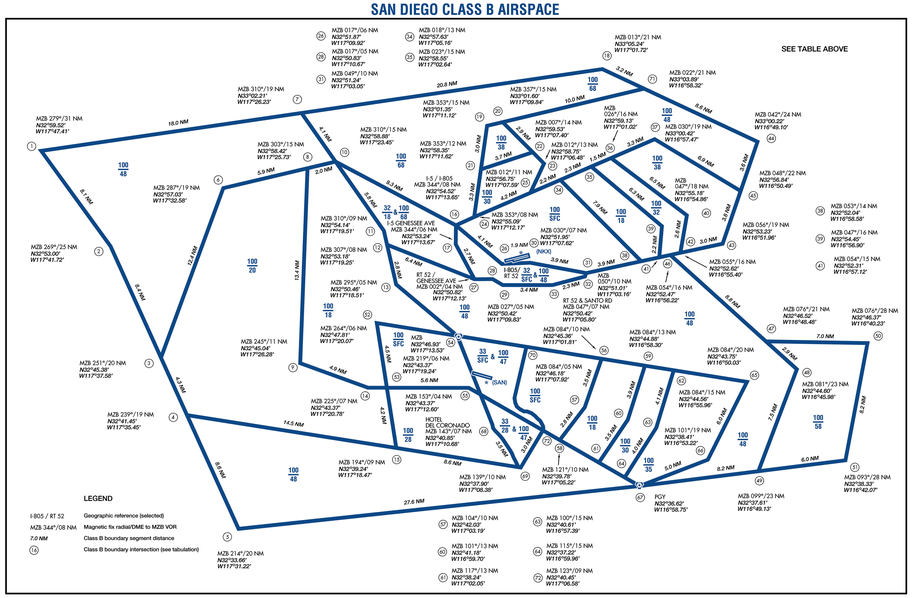
VFR FLIGHTS—Aircraft operating within the San Diego Class B Airspace must be operated in accordance with ATC clearances or instructions.

VFR FLIGHTS:

1. Arriving aircraft should contact the appropriate approach control on specified frequencies and in relation to geographic fixes shown on the accompanying chart. Although arriving aircraft may be operating beneath the floor of the Class B Airspace on initial contact, communications should be established with approach control in relation to the points indicated for sequencing and spacing purposes.
2. Aircraft departing the primary airports are requested to advise clearance delivery prior to taxiing of their intended altitude and direction of flight to depart the Class B Airspace. Aircraft departing from other than the primary airports whose route of flight would penetrate the Class B Airspace should give this information to ATC on the appropriate frequencies.
3. Aircraft desiring to transit the Class B Airspace must obtain an ATC clearance to enter the Class B Airspace and will be handled on an ATC workload permitting basis.

ATC PROCEDURES

All aircraft will be controlled and separated while operating within the Class B Airspace, except helicopters need not be separated from other helicopters. Although radar separation will be the primary standard used, approved visual and other nonradar procedures will be applied as required or deemed appropriate. Traffic information on observed but unidentified radar targets will be provided on a workload permitting basis to aircraft operating outside the Class B Airspace.

NOTE: Assignment of radar headings and/or altitudes is based on the provision that a pilot operating in accordance with visual flight rules is expected to advise ATC if compliance with an assigned route, radar heading, or altitude will cause the pilot to violate such rules.

## SAN DIEGO CLASS B AIRSPACE