

1. What is the name of Airport San Diego
2. What is the ICAO Identifier for the Airport SAN
3. What period of time is this airport diagram valid May to June 2008
4. How many Runways 2 09 and 27
5. What are the Runway Names 09 and 27
6. What is the Magnetic Heading of each Runway 93.30 273.30
7. What is the difference between Magnetic Heading and True Heading at this airport
12.7
8. How fast is Magnetic Heading changing at this airport 0.1° per year
9. Locate and provide the approximate Latitude/Longitude for the following facilities:
 - a. Terminal 1 (Gates 1-19)
 - b. Terminal 2 (gates 20-41)
 - c. U.S. Customs
 - d. Commuter Terminal and Airport Administration Building
 - e. U.S. Coast Guard Air Station
 - f. Fire Station
 - g. Control Tower
 - h. Air Cargo Handling Building
 - i. General Aviation Building Ramp
10. Locate and provide approximate Latitude/Longitude for the center of the following movement areas:
 - a. West Ramp 117° 12' W / 32° 44' N
 - b. East Ramp
 - c. Commuter Ramp
 - d. Coast Guard Air Station Ramp
 - e. North Ramp
 - f. Air Cargo Ramp
 - g. General Aviation Ramp
 - h. Overflow Parking Ramp
11. What is Field Elevation for the Airport 17
12. Runway 9 Characteristics
 - a. What is the Magnetic Heading 93.30
 - b. What is the Touchdown Zone Elevation 14
 - c. How long is the runway 9401'
 - d. How wide is the runway 200'
13. Runway 27 Characteristics
 - a. What is the Magnetic Heading 273.30
 - b. What is the Touchdown Zone Elevation 16
 - c. How long is the runway 9401'
 - d. How wide is the runway 200'

14. What Taxiways would an aircraft departing from Terminal 1 using Runway 9

B → B8

15. What Taxiways would an aircraft departing from Air Cargo Ramp using Runway 9

D → C → C4 → B4 → B → B8

16. What Taxiways would an aircraft arriving on Runway 27 and taxi-ing to the Air Cargo Ramp use

B7 → B → B4 → C4 → C → D

17. CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES. READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED (see right side of diagram)

a. What problem is this caution trying to address

Avoid crossing runway while a/c departing or arriving

b. Who is "reading back" to whom

Pilot to ATC

c. What are they reading back

permission to cross rwy

d. In which of the 3 taxi-way instruction scenarios in the previous questions (above) would this caution apply. Explain

a/c must cross runway

18. At the end of Runway 29 there is an EMAS

a. What does the acronym EMAS stand for

Engineered Material Arrestor System

b. What does an EMAS do

stops aircraft in short distance

c. How does it do it

increased friction

d. Draw a force diagram to explain what an EMAS does

