

Big Sur (VOR)

16658N 5071E  
freq. 114

Bishop (VOR)

16757N 6331E  
freq. 109.6

Casa Diablo (NDB)

16854N 6298E  
freq. 260

Chandler (NDB)

16661N 5751E  
freq. 344

Chico (VOR)

18158N 5573E  
freq. 109.8

Chico

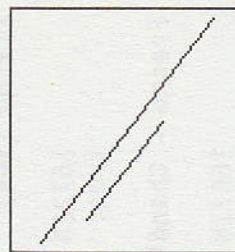
18158N 5567E  
alt. 239

RWY 13-31  
RWY 13-31

6723 X 147  
3004 X 59

Columbia (NDB)

17267N 5759E  
freq. 404

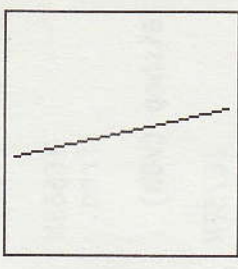


2 - SAN FRANCISCO

Columbia

17269N 5753E  
alt. 2116

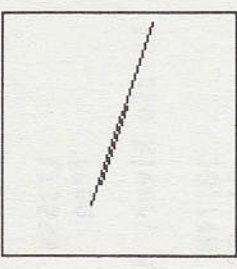
RWY 17-35 4057 X 72



Fresno Air Terminal

16679N 5795E  
alt. 331

RWY 11-29 9220 X 147  
RWY 11-29 3899 X 72



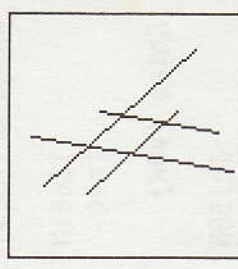
Concord (VOR)

17473N 5234E  
freq. 117

Concord, Buchanan

17452N 5221E  
alt. 23

RWY 1-19 4710 X 147  
RWY 14-32 4598 X 147  
RWY 14-32 2797 X 72  
RWY 1-19 2765 X 72



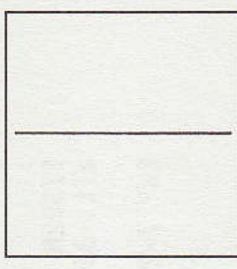
Friant (VOR)

16786N 5887E  
freq. 115.6

Garberville

18514N 5010E  
alt. 544

RWY 0-18 3047 X 72



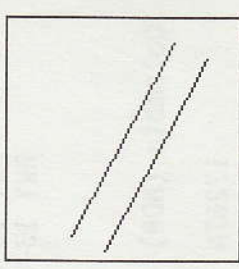
Fresno (VOR)

16722N 5786E  
freq. 112.9

Fresno - Chandler Downtown

16671N 5752E  
alt. 279

RWY 12-30 3473 X 72  
RWY 12-30 3440 X 72



Hangtown (VOR)

17590N 5755E  
freq. 115.5

Hazen (VOR)

17712N 6434E  
freq. 114.1

Lake Tahoe (VOR)

17720N 5979E  
freq. 113.2

Linden (VOR)

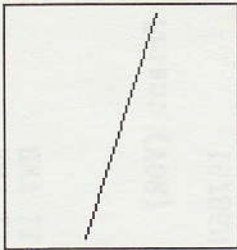
17355N 5574E  
freq. 114.8

Little River, Mendocino Co.

18174N 4895E  
alt. 571

RWY 11-29

5247 X 147

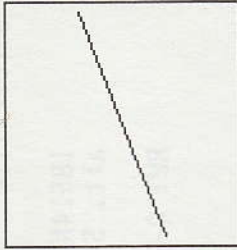


Livermore

17302N 5251E  
alt. 397

RWY 7-25

4004 X 98

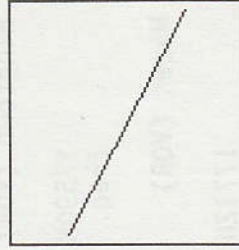


Lodi, Kingdon

17408N 5460E  
alt. 16

RWY 12-30

3998 X 137



Lodi

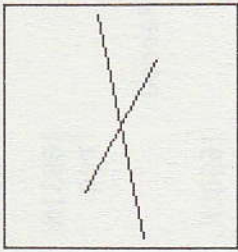
17447N 5503E  
alt. 59

RWY 8-26

3089 X 22

RWY 12-30

2069 X 22



Lovelock (VOR)

17891N 6653E  
freq. 116.5

Marysville (VOR)

17845N 5551E  
freq. 110.8

Marysville, Yuba Co.

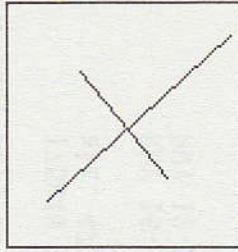
17840N 5550E  
alt. 62

RWY 14-32

6005 X 147

RWY 5-23

3279 X 147



Maxwell (VOR)

18012N 5381E  
freq. 110

McClellan (VOR)

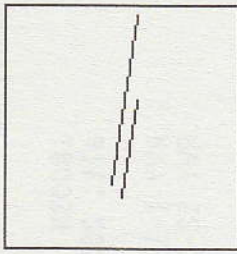
17648N 5536E  
freq. 109.2



Modesto City

17172N 5518E  
alt. 98

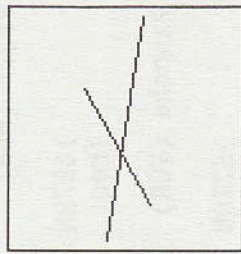
RWY 10-28 5910 X 147  
RWY 10-28 3450 X 147



Monterey Peninsula

16862N 5069E  
alt. 243

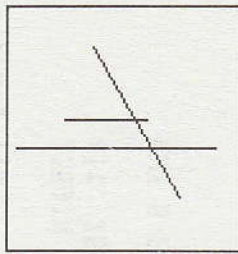
RWY 10-28 6596 X 147  
RWY 6-24 3998 X 147



Napa Co.

17571N 5187E  
alt. 33

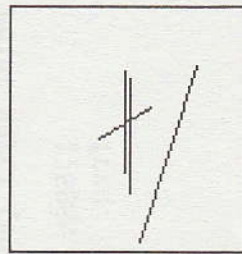
RWY 0-18 5930 X 147  
RWY 6-24 5005 X 147  
RWY 0-18 2499 X 72



Oakland, Metro Oakland Int'l

17367N 5129E  
alt. 7

RWY 11-29 9997 X 147  
RWY 9-27 6209 X 147  
RWY 15-33 3365 X 72  
RWY 9-27 5451 X 147



Merced (VOR)

16931N 5641E  
freq. 114.2

Merced

16980N 5608E  
alt. 154

RWY 12-30 5900 X 147



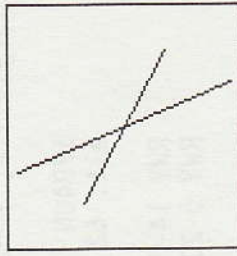
Mina (VOR)

17210N 6609E  
freq. 115.1

Minden, Douglas Co.

17584N 6104E  
alt. 4717

RWY 16-34 7393 X 147  
RWY 12-30 5287 X 147



Modesto (VOR)

17170N 5522E  
freq. 114.6

3000 2000

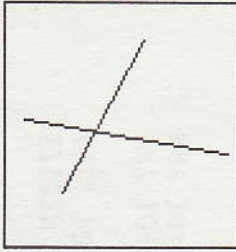
3000 2000

3000 2000

Oroville

18003N 5592E  
alt. 200

RWY 1-19 5959 X 147  
RWY 12-30 4844 X 147



Pajar (NDB)

16978N 5131E  
freq. 327

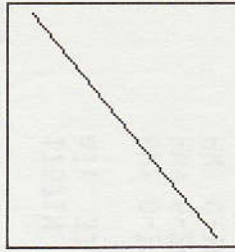
Panoche (VOR)

16770N 5440E  
freq. 112.6

Placerville

17591N 5748E  
alt. 2585

RWY 5-23 4198 X 72



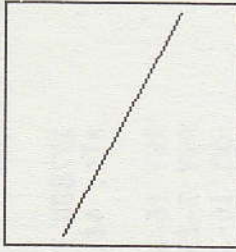
Point Reyes (VOR)

17588N 4975E  
freq. 113.7

Porterville

16294N 5898E  
alt. 443

RWY 12-30 5999 X 144



Priest (VOR)

16520N 5389E  
freq. 110

Proberta (NDB)

18340N 5500E  
freq. 338

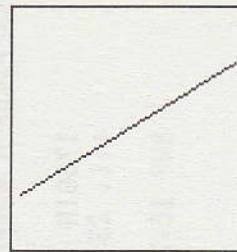
Red Bluff (VOR)

18333N 5500E  
freq. 115.7

Red Bluff

18347N 5500E  
alt. 348

RWY 15-33 5982 X 147



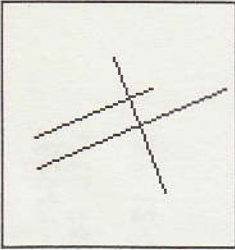
Reno (VOR)

17793N 6227E  
freq. 117.9

Reno Cannon

17788N 6176E  
alt. 4412

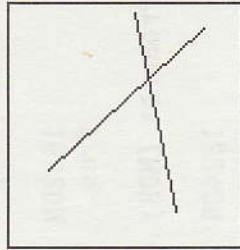
RWY 16-34 8997 X 147  
RWY 7-25 6100 X 147  
RWY 16-34 5589 X 72



Reno/Stead

17875N 6169E  
alt. 5045

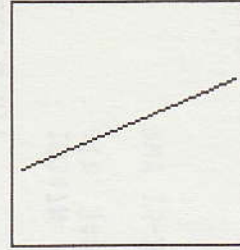
RWY 14-32 8078 X 147  
RWY 8-26 7599 X 147



Sacramento (VOR)

17572N 5456E  
freq. 115.2

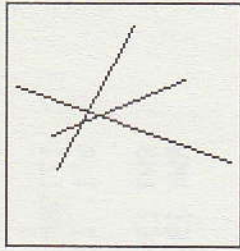
RWY 16-34 8596 X 147



Sacramento Exec.

17595N 5482E  
alt. 23

RWY 2-20 5500 X 147  
RWY 16-34 3483 X 147  
RWY 12-30 3834 X 98



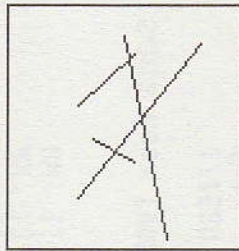
Salinas (VOR)

16852N 5163E  
freq. 117.3

Salinas

16856N 5161E  
alt. 85

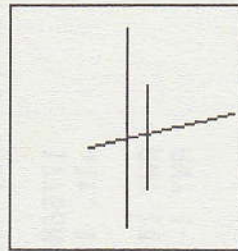
RWY 8-26 4992 X 196  
RWY 13-31 4824 X 147  
RWY 3-21 1197 X 147  
RWY 14-32 1899 X 49



San Francisco Int'l

17340N 5061E  
alt. 10

RWY 9-27 5339 X 98  
RWY 9-27 2735 X 59  
RWY 17-35 4145 X 98



Sacramento Metro

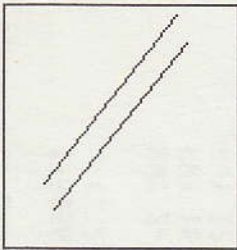
17681N 5477E  
alt. 23

RWY 16-34 8596 X 147

San Jose, Reid - Hillview

17158N 5194E  
alt. 134

RWY 13-31 3099 X 72  
RWY 13-31 3096 X 72



San Jose

17184N 5165E  
alt. 56

RWY 12-30 8898 X 147  
RWY 12-30 4418 X 147  
RWY 11-29 2997 X 39



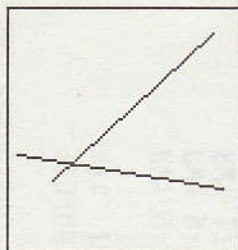
Santa Rosa (VOR)

17758N 5064E  
freq. 113

Santa Rosa, Sonoma Co.

17756N 5066E  
alt. 125

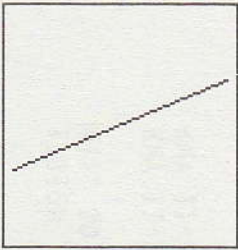
RWY 14-32 5113 X 147  
RWY 1-19 5001 X 147



Santa Rosa

17711N 5066E  
alt. 98

RWY 16-34 6887 X 196



Sausalito (VOR)

17452N 5050E  
freq. 116.2

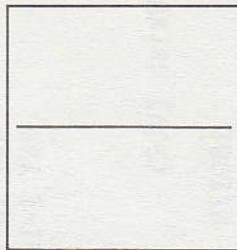
Scaggs Island (VOR)

17567N 5149E  
freq. 112.1

South Lake Tahoe, Lake Tahoe

17570N 6016E  
alt. 6265

RWY 0-18 8541 X 147



Sparks (NDB)

17875N 6213E  
freq. 254

Stockton (VOR)

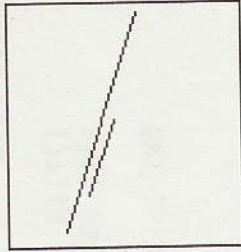
17276N 5483E  
freq. 116

Stockton Metro

17312N 5467E  
alt. 30

RWY 11-29  
RWY 11-29

8649 X 147  
2994 X 72



Travis (VOR)

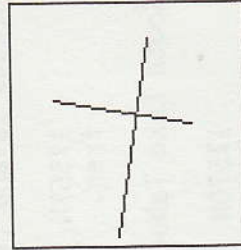
17565N 5358E  
freq. 116.4

Truckee - Tahoe

17761N 6031E  
alt. 5901

RWY 10-28  
RWY 1-19

6399 X 98  
4647 X 72



Ukiah (VOR)

18037N 5004E  
freq. 112.3

Visalia (VOR)

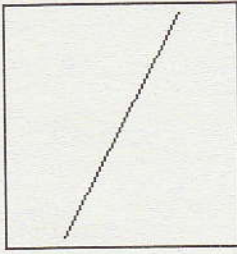
16468N 5815E  
freq. 109.4

Visalia

16454N 5831E  
alt. 292

RWY 12-30

6553 X 147

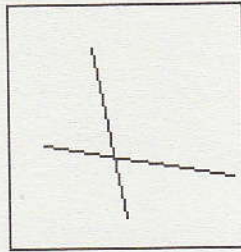


Watsonville

16995N 5138E  
alt. 161

RWY 1-19  
RWY 8-26

4500 X 147  
3998 X 147



Williams (VOR)

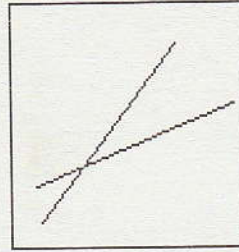
17888N 5402E  
freq. 114.4

Willows-Glenn Co.

18087N 5409E  
alt. 138

RWY 13-31  
RWY 16-34

4555 X 98  
4503 X 147



Woodside (VOR)

17233N 5054E  
freq. 113.9

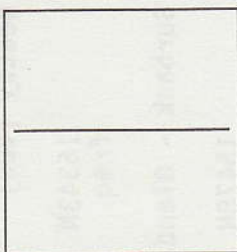


Apple Valley

15522N 6307E  
alt. 3060

RWY 0-18

6497 X 147



Avena1 (VOR)

16234N 5480E  
freq. 117.1

Bakersfield (VOR)

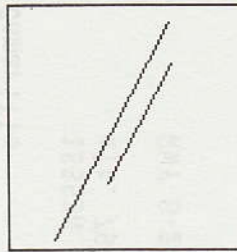
16079N 5758E  
freq. 115.4

Bakersfield, Meadows

16053N 5767E  
alt. 489

RWY 12-30  
RWY 12-30

6707 X 147  
3699 X 72

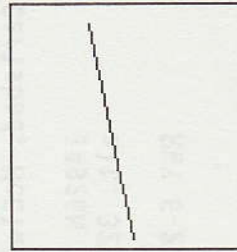


Banning

15214N 6349E  
alt. 2221

RWY 8-26

5198 X 147



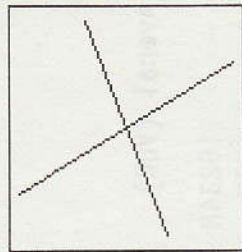
Beatty (VOR)

16343N 6798E  
freq. 114.7

Burbank - Glendale - Pasadena

15478N 5861E  
alt. 774

RWY 15-33 6901 X 147  
RWY 7-25 6071 X 147



Camarillo (VOR)

15549N 5607E  
freq. 115.8

Camarillo

15553N 5607E  
alt. 79

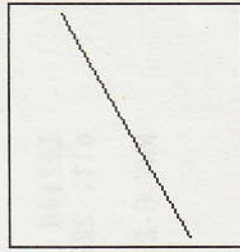
RWY 8-26 6018 X 147



Carlsbad, McClellan - Palomar

14926N 6112E  
alt. 328

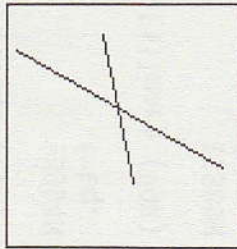
RWY 6-24 4696 X 147



Chino

15315N 6083E  
alt. 649

RWY 3-21 6202 X 147  
RWY 8-26 3853 X 147



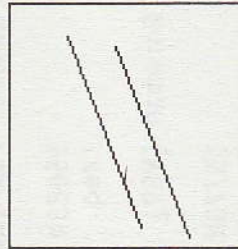
Compton (NDB)

15333N 5863E  
freq. 378

Compton

15336N 5864E  
alt. 98

RWY 7-25 3667 X 59  
RWY 7-25 3667 X 59



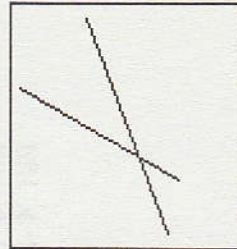
Daggett (VOR)

15624N 6558E  
freq. 113.2

Daggett, Barstow - Daggett

15601N 6474E  
alt. 1929

RWY 7-25 6399 X 147  
RWY 3-21 5149 X 98



**Fellows (VOR)**

15994N 5449E  
freq. 117.5

**Fillmore (VOR)**

15589N 5696E  
freq. 112.5

**Gaviota (VOR)**

15784N 5302E  
freq. 116.5

**General Fox (NDB)**

15683N 5971E  
freq. 282

**Goreman (VOR)**

15773N 5757E  
freq. 116.1

**Hemet - Ryan**

15155N 6272E  
alt. 1512

RWY 5-23 4313 X 98  
RWY 4-22 2043 X 29

**Inyokern - Kern Co**

16030N 6209E  
alt. 2457

RWY 15-33 7334 X 147  
RWY 2-20 6320 X 72  
RWY 10-28 4149 X 147

**Julian (VOR)**

14862N 6354E  
freq. 114

**La Verne, Brackett**

15376N 6044E  
alt. 1010

RWY 8-26 4837 X 72  
RWY 8-26 3660 X 72

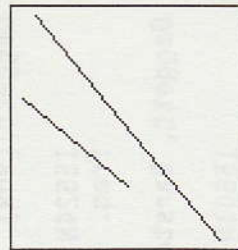
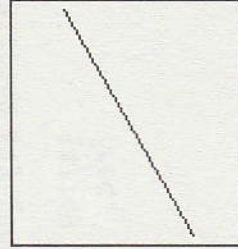
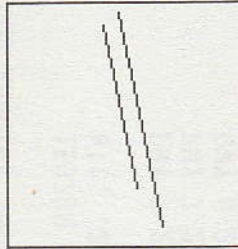
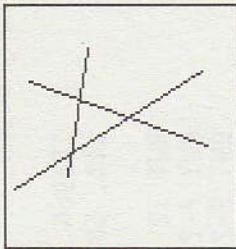
**Lake Hughes (VOR)**

15695N 5840E  
freq. 108.4

**Lancaster, General Fox**

15685N 5971E  
alt. 2348

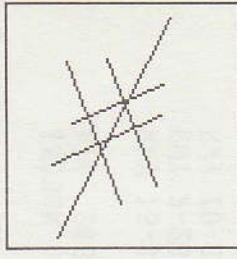
RWY 6-24 4998 X 147



Long Beach

15296N 5885E  
alt. 56

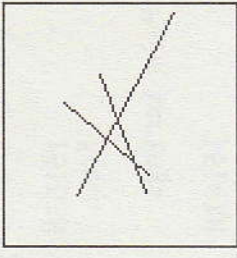
RWY 12-30 9997 X 196  
RWY 7-25 6189 X 196  
RWY 7-25 5418 X 147  
RWY 16-34 5021 X 147  
RWY 16-34 4263 X 147



Mojave

15810N 6033E  
alt. 2788

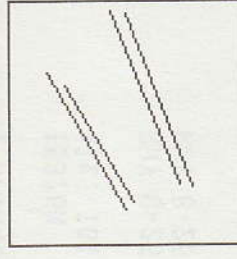
RWY 12-30 9597 X 196  
RWY 7-25 5917 X 59  
RWY 4-22 5198 X 49



Los Angeles Int'l

15379N 5811E  
alt. 125

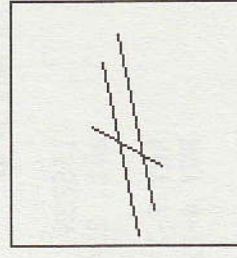
RWY 7-25 12090 X 147  
RWY 7-25 11998 X 196  
RWY 6-24 10282 X 147  
RWY 6-24 8924 X 147



Ontario Int'l

15343N 6106E  
alt. 951

RWY 8-26 10197 X 147  
RWY 8-26 10000 X 147  
RWY 3-21 4749 X 147



March (VOR)

15184N 6215E  
freq. 113.4

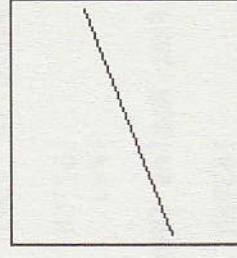
Mission Bay (VOR)

14774N 6089E  
freq. 117.8

Oxnard

15563N 5567E  
alt. 43

RWY 7-25 5949 X 98



Nan Nuys (VOR)

15497N 5816E  
freq. 113.1

Oceanside (VOR)

14983N 6074E  
freq. 115.3

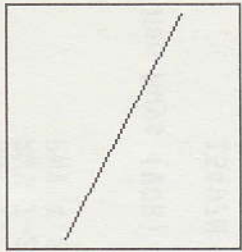
Palm Springs (VOR)

15153N 6489E  
freq. 115.5

Palm Springs

15143N 6459E  
alt. 449

RWY 12-30 7012 X 147



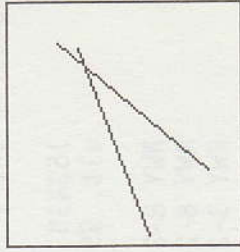
Palmdale (VOR)

15624N 6010E  
freq. 114.5

Palmdale AF

15628N 6003E  
alt. 2542

RWY 7-25 12001 X 196  
RWY 4-22 11998 X 147



Paradise (VOR)

15276N 6112E  
freq. 112.2

Paso Robles (VOR)

16308N 5266E  
freq. 114.3

Pettis (NDB)

15318N 6187E  
freq. 397

Poggi (VOR)

14679N 6157E  
freq. 109.8

Pomona (VOR)

15367N 6041E  
freq. 110.4

Porterville (VOR)

16249N 5836E  
freq. 109.2

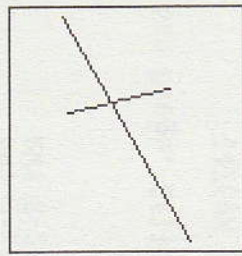
Priest (VOR)

16520N 5389E  
freq. 110

Rialto

15352N 6185E  
alt. 1437

RWY 6-24 3598 X 72  
RWY 17-35 1531 X 59



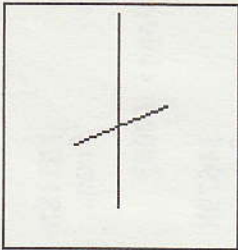
Riverside (VOR)

15280N 6141E  
freq. 112.4

Riverside

15284N 6143E  
alt. 817

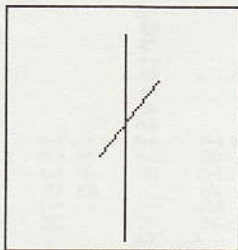
RWY 9-27 5398 X 98  
RWY 16-34 2847 X 49



San Diego Int'l - Lindbergh

14755N 6098E  
alt. 16

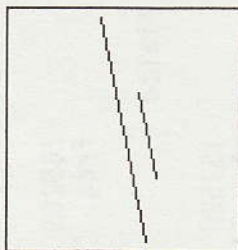
RWY 9-27 9397 X 196  
RWY 13-31 4437 X 72



San Diego, Brown

14666N 6155E  
alt. 525

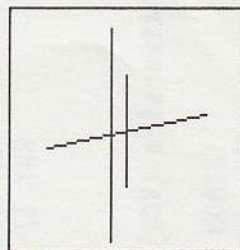
RWY 8-26 7996 X 196  
RWY 8-26 3030 X 68



San Diego, Gillespie

14769N 6184E  
alt. 384

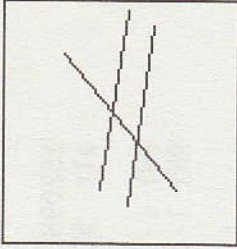
RWY 9-27 5339 X 98  
RWY 17-35 4145 X 98  
RWY 9-27 2735 X 59



San Diego, Montgomery

14782N 6125E  
alt. 423

RWY 5-23 3401 X 147  
RWY 10-28 3398 X 147  
RWY 10-28 3398 X 59



San Luis Obispo (NDB)

16114N 5156E  
freq. 288

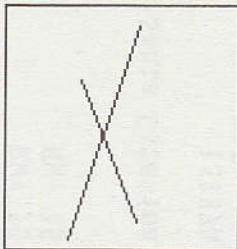
San Luis Obispo (VOR)

16152N 5166E  
freq. 112.4

San Luis Obispo

16135N 5202E  
alt. 210

RWY 11-29 4798 X 147  
RWY 7-25 3260 X 147



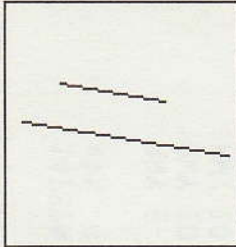
Santa Ana (VOR)

15209N 5967E  
freq. 109.4

Santa Anna, John Wayne - Orange Co.

15209N 5965E  
alt. 52

RWY 1-19 5697 X 147  
RWY 1-19 2886 X 72



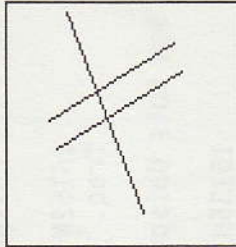
Santa Barbara (VOR)

15742N 5409E  
freq. 114.9

Santa Barbara

15717N 5375E  
alt. 10

RWY 7-25 6048 X 147  
RWY 15-33 4181 X 98  
RWY 15-33 4178 X 72



Santa Catalina (VOR)

15137N 5739E  
freq. 111.4

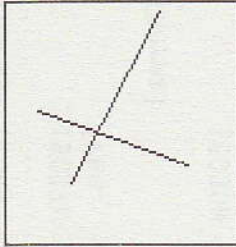
Santa Maria (VOR)

16003N 5209E  
freq. 111

Santa Maria

15976N 5222E  
alt. 259

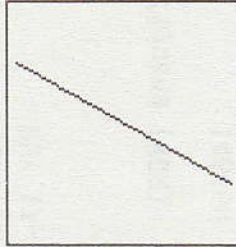
RWY 12-30 6297 X 147  
RWY 2-20 5267 X 147



Santa Monica

15408N 5805E  
alt. 174

RWY 3-21 4985 X 147



Seal Beach (VOR)

15272N 5915E  
freq. 115.7

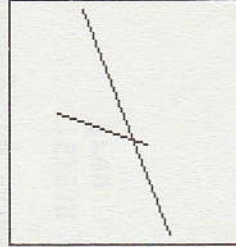
Swan Lake (NDB)

15302N 6112E  
freq. 257

Taft - Kern Co

15970N 5601E  
alt. 876

RWY 7-25 3968 X 59  
RWY 2-20 1639 X 68



Thermal (VOR)

15027N 6560E  
freq. 116.2

Thermal

15030N 6561E  
alt. 0

RWY 12-30 4998 X 147  
RWY 17-35 4998 X 147

Tijuana (VOR)

14646N 6158E  
freq. 116.5

Torrance

15311N 5820E  
alt. 102

RWY 11-29 4998 X 147  
RWY 11-29 2997 X 72

Twentynine Palms (VOR)

15194N 6745E  
freq. 114.2

Twentynine Palms

15220N 6691E  
alt. 1906

RWY 8-26 5526 X 45  
RWY 17-35 3798 X 49

Van Nuys

15488N 5816E  
alt. 800

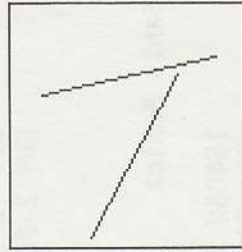
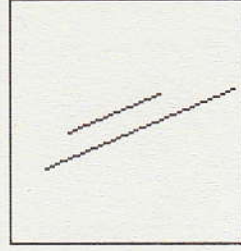
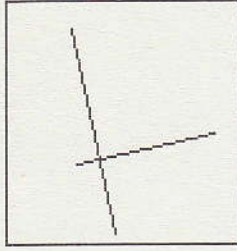
RWY 16-34 7999 X 147  
RWY 16-34 3998 X 147

Ventura (VOR)

15507N 5609E  
freq. 108.2

Visalia (VOR)

16468N 5815E  
freq. 109.4





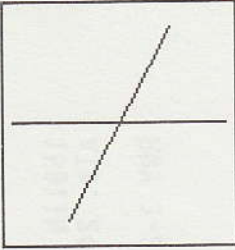
LAS VEGAS - 1

Austin

17495N 7000E  
alt. 5730

RWY 12-30  
RWY 0-18

5999 X 147  
5999 X 147



Beatty (VOR)

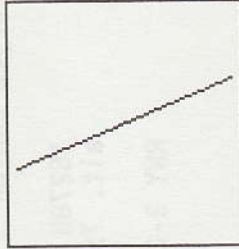
16343N 6798E  
freq. 114.7

Beatty

16382N 6791E  
alt. 3168

RWY 16-34

5628 X 49

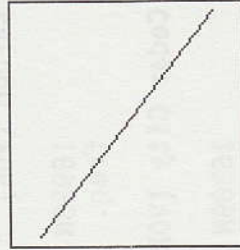


Beaver

16548N 8314E  
alt. 5852

RWY 13-31

4496 X 72



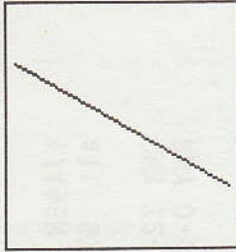
Boulder City (VOR)

15808N 7328E  
freq. 116.7

Boulder City

15811N 7319E  
alt. 2460

RWY 3-21 2961 X 59



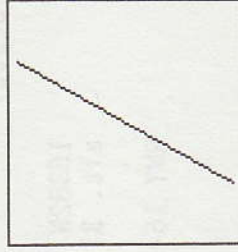
Bryce Canyon (VOR)

16275N 8396E  
freq. 112.8

Bryce Canyon

16278N 8429E  
alt. 7587

RWY 3-21 7399 X 147



Carbon (VOR)

16958N 9123E  
freq. 109

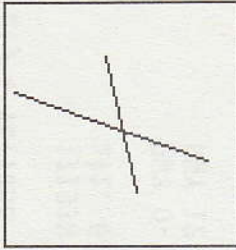
Cedar City (VOR)

16389N 8151E  
freq. 108.6

Cedar City

16361N 8113E  
alt. 5622

RWY 2-20 7799 X 147  
RWY 8-26 5198 X 59



Coaldale (VOR)

16948N 6619E  
freq. 117.7

Daggett (VOR)

15624N 6558E  
freq. 113.2

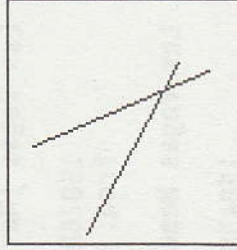
Delta (VOR)

16978N 8512E  
freq. 116.1

Delta

17010N 8496E  
alt. 4756

RWY 16-34 6008 X 72  
RWY 12-30 5933 X 81



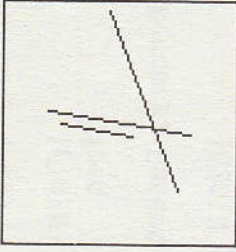
Ely (VOR)

17192N 7743E  
freq. 110.6

Las Vegas, McCarran

15884N 7234E  
alt. 2175

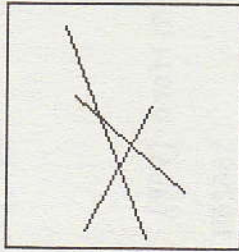
RWY 7-25 12634 X 147  
RWY 1-19 9774 X 147  
RWY 1-19 4998 X 72



Las Vegas, North Las Vegas

15948N 7236E  
alt. 2207

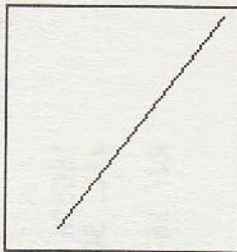
RWY 7-25 5001 X 98  
RWY 4-22 3266 X 62  
RWY 12-30 3122 X 62



Loa, Wayne Wonderland

16509N 8684E  
alt. 7019

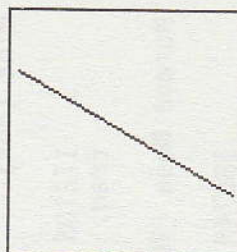
RWY 13-31 5897 X 72



Manti - Ephraim

16915N 8781E  
alt. 5501

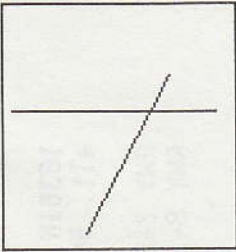
RWY 3-21 4867 X 72



Ely - Yelland

17193N 7729E  
alt. 6255

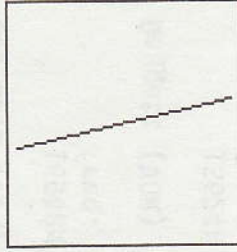
RWY 0-18 5995 X 147  
RWY 12-30 4979 X 98



Eureka

17429N 7398E  
alt. 5947

RWY 17-35 4778 X 59



Grand Canyon (VOR)

15530N 8249E  
freq. 113.1

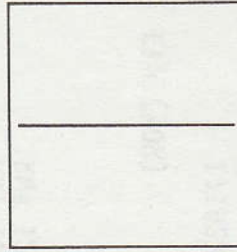
Las Vegas (Nev) (VOR)

15876N 7241E  
freq. 116.9

Las Vegas Henderson

15845N 7227E  
alt. 2460

RWY 0-18 4998 X 49



Mercury (NDB)

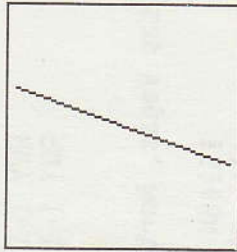
16193N 7017E  
freq. 326

Mercury, Desert Rock

16201N 7008E  
alt. 3313

RWY 2-20

7514 X 98



Millford (VOR)

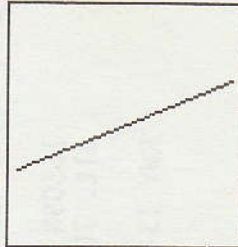
16626N 8236E  
freq. 112.1

Millford

16659N 8224E  
alt. 5038

RWY 16-34

4998 X 72



Mina (VOR)

17210N 6609E  
freq. 115.1

Mormon Mesa (VOR)

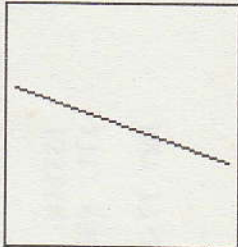
16074N 7623E  
freq. 114.3

Mt. Pleasant

16987N 8848E  
alt. 5829

RWY 2-20

4257 X 72

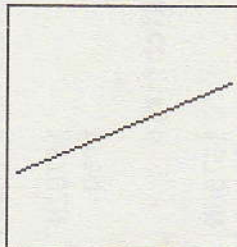


Nephi

17109N 8743E  
alt. 5009

RWY 16-34

4696 X 72



Page (VOR)

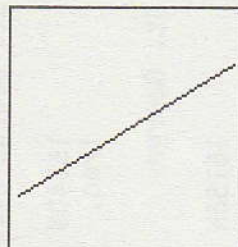
15875N 8594E  
freq. 117.6

Page

15889N 8577E  
alt. 4310

RWY 15-33

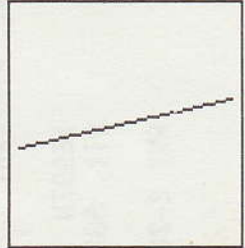
5497 X 147



Panaca, Lincoln Co.

16524N 7688E  
alt. 4828

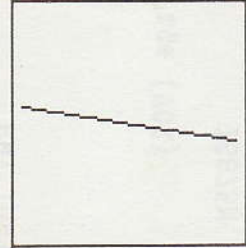
RWY 17-35 4618 X 59



Richfield (NDB)

16702N 8580E  
freq. 365

RWY 1-19 6641 X 72



Richfield

16708N 8558E  
alt. 5278

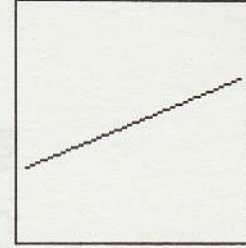
St. George (VOR)

16140N 7891E  
freq. 109.8

St. George

16155N 7875E  
alt. 2939

RWY 16-34 6097 X 98



Tonopah (VOR)

16882N 6865E  
freq. 117.2

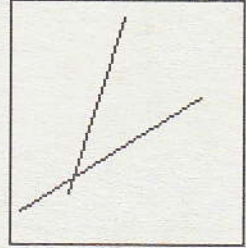
Tonopah Test Range (NDB)

16799N 6911E  
freq. 278

Tonopah

16899N 6849E  
alt. 5425

RWY 15-33 7160 X 72  
RWY 11-29 5949 X 72



Tuba City (VOR)

15517N 8569E  
freq. 113.5

Wilson Creek (VOR)

16708N 7765E  
freq. 116.3