

TUCSON
116.0 TUS :--
Chan 107
N32°05.71'-W110°54.89'
L-5, H-4

ASOS
121.125
TUCSON DEP CON
118.75 269.55
UNICOM
122.8

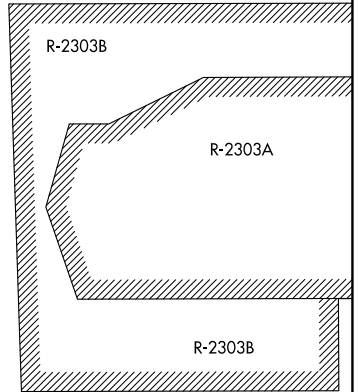
TAKE-OFF MINIMUMS

Rwy 3: 400-1¼ with minimum climb of 325' per NM to 5100 or standard with minimum climb of 455' per NM to 5100 or 1300-3 for VCOA.
Rwy 21: Standard with minimum climb of 350' per NM to 5100 or 1300-3 for VCOA.

ARVEY
N31°41.64'
W110°58.85'

NOGALES
114.65 OLS :--
Chan 93 (Y)

UNITED STATES
MEXICO



SW-4, 22 FEB 2024 to 21 MAR 2024

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NOTE: Chart not to scale.

(NOTES CONTINUED ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climbing left turn heading 296° to intercept OLS VOR/DME R-326 to ARVEY INT/OLS 18 DME, thence. . . .

TAKEOFF RUNWAY 21: Climb right turn heading 356° to intercept OLS VOR/DME R-326 to ARVEY INT/OLS 18 DME, thence. . . .

VCOA ALL RUNWAYS: Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Nogales Intl Airport at or above 6900 before proceeding on OLS R-326 to ARVEY INT/OLS 18 DME, thence. . . .

. . . .on TUS VORTAC R-176 to cross TUS VORTAC at or above MEA/MCA for assigned route of flight.

TAKEOFF OBSTACLE NOTES

Rwy 3: Trees 58' from DER, 455' left of centerline, 3963' MSL. Tree 80' from DER, 174' right of centerline, 6' AGL/3958' MSL. Trees beginning 97' from DER, 446' left of centerline, up to 15' AGL/3964' MSL. Tree 252' from DER, 43' right of centerline, 5' AGL/3962' MSL. Tree 261' from DER, 463' left of centerline, 3971' MSL. Trees beginning 308' from DER, 37' right of centerline, up to 9' AGL/ 3964' MSL. Trees, fence beginning 334' from DER, 136' left of centerline, up to 3987' MSL. Trees beginning 368' from DER, 64' right of centerline, up to 3991' MSL. Tree, terrain beginning 603' from DER, 546' right of centerline, up to 3993' MSL. Trees, fence, terrain beginning 659' from DER, 13' left of centerline, up to 3995' MSL. Trees, terrain, fence beginning 833' from DER, 103' right of centerline, up to 4010' MSL. Trees, terrain beginning 1179' from DER, 118' left of centerline, up to 5' AGL/ 3996' MSL. Trees, terrain beginning 1199' from DER, 97' right of centerline, up to 4036' MSL. Trees, terrain beginning 1241' from DER, 66' left of centerline, up to 4018' MSL. Trees, terrain beginning 1412' from DER, 90' right of centerline, up to 4043' MSL. Traverse way, terrain beginning 1624' from DER, 642' left of centerline, up to 4028' MSL. Terrain beginning 1637' from DER, 2' right of centerline, up to 4052' MSL. Trees, traverse way, terrain beginning 1688' from DER, 45' left of centerline, up to 4035' MSL. Terrain beginning 1825' from DER, 37' right of centerline, up to 4067' MSL. Pole, traverse way, trees beginning 1853' from DER, 475' left of centerline, up to 21' AGL/4043' MSL. Terrain 2033' from DER, 186' left of centerline, 4047' MSL. Trees, traverse way, terrain beginning 2041' from DER, 74' left of centerline, up to 7' AGL/4052' MSL. Terrain 2221' from DER, 269' left of centerline, 4055' MSL. Tree, traverse way, terrain beginning 2253' from DER, 170' left of centerline, up to 18' AGL/4080' MSL. Terrain beginning 2354' from DER, 20' right of centerline, up to 4068' MSL. Trees, traverse way, pole, terrain beginning 2491' from DER, 55' left of centerline, up to 14' AGL/4093' MSL. Terrain beginning 2539' from DER, 125' right of centerline, up to 4087' MSL. Traverse way 2657' from DER, 32' left of centerline, 15' AGL/ 4095' MSL. Traverse way, trees, terrain beginning 2672' from DER, 6' left of centerline, up to 15' AGL/4096' MSL. Traverse way, terrain beginning 2688' from DER, 2' right of centerline, up to 15' AGL/4096' MSL. Terrain, traverse way beginning 2768' from DER, 98' right of centerline, up to 4112' MSL. Traverse way 2987' from DER, 530' right of centerline, 4117' MSL. Traverse way 2995' from DER, 635' right of centerline, 4121' MSL. Traverse way, terrain beginning 3009' from DER, 489' right of centerline, up to 4123' MSL. Tree, traverse way, terrain beginning 3351' from DER, 12' right of centerline, up to 4130' MSL. Traverse way, terrain beginning 3449' from DER, 633' right of centerline, up to 4143' MSL. Traverse way 3499' from DER, 1364' right of centerline, 4149' MSL. Traverse way, terrain, vegetation beginning 3570' from DER, 101' right of centerline, up to 4155' MSL. Tree, terrain beginning 3581' from DER, 42' left of centerline, up to 4112' MSL. Terrain beginning 4127' from DER, 627' right of centerline, up to 4156' MSL. Tree, terrain beginning 4143' from DER, 768' right of centerline, up to 4180' MSL. Trees, terrain beginning 4262' from DER, 426' right of centerline, up to 4184' MSL. Tree, terrain beginning 4495' from DER, 709' right of centerline, up to 4210' MSL. Terrain beginning 4627' from DER, 1171' right of centerline, up to 4217' MSL. Tree, terrain beginning 4737' from DER, 216' right of centerline, up to 4223' MSL. Tree, terrain beginning 5806' from DER, 409' right of centerline, up to 4241' MSL. Trees, terrain beginning 5953' from DER, 420' right of centerline, up to 4254' MSL. Trees, terrain beginning 1 NM from DER, 58' right of centerline, up to 4256' MSL. Trees, terrain beginning 1 NM from DER, 1260' left of centerline, up to 4136' MSL. Trees, terrain beginning 1.1 NM from DER, 442' left of centerline, up to 4151' MSL. Pole, trees, terrain beginning 1.2 NM from DER, 164' left of centerline, up to 16' AGL/4221' MSL. Trees, terrain beginning 1.3 NM from DER, 84' left of centerline, up to 4254' MSL. Trees, terrain beginning 1.4 NM from DER, 58' right of centerline, up to 11' AGL/ 4326' MSL. Trees, terrain beginning 1.4 NM from DER, 25' left of centerline, up to 11' AGL/4283' MSL. Trees, terrain beginning 1.5 NM from DER, 79' right of centerline, up to 11' AGL/4327' MSL. Trees, terrain beginning 1.7 NM from DER, 639' right of centerline, up to 4345' MSL. Trees, terrain beginning 1.8 NM from DER, 172' right of centerline, up to 4367' MSL. Trees, terrain beginning 1.9 NM from DER, 628' right of centerline, up to 4384' MSL. Terrain, traverse way, trees beginning 2 NM from DER, 935' right of centerline, up to 4406' MSL. Terrain 2.1 NM from DER, 616' left of centerline, 4299' MSL. Trees, terrain, traverse way beginning 2.2 NM from DER, 1859' right of centerline, up to 100' AGL/4451' MSL. Trees, traverse way, terrain beginning 2.2 NM from DER, 234' left of centerline, up to 4359' MSL. Trees, terrain, traverse way beginning 2.3 NM from DER, 835' right of centerline, up to 14' AGL/4535' MSL.

Rwy 21: Tree 3' from DER, 445' left of centerline, 3847' MSL. Tree 19' from DER, 141' left of centerline, 10' AGL/3848' MSL. Tree 29' from DER, 339' left of centerline, 3849' MSL. Tree, vegetation beginning 45' from DER, 201' left of centerline, up to 17' AGL/3851' MSL. Tree 48' from DER, 504' right of centerline, 3845' MSL. Trees, vegetation beginning 112' from DER, 49' right of centerline, up to 24' AGL/3854' MSL.

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