## (MNITO1.GEG) 23166 MANITO ONE DEPARTURE (OBSTACLE) AL-40

AL-402 (FAA)

TAKEOFF OBSTACLE NOTES Rwy 4L: Light poles beginning 10' from DER, 77' right of centerline, up to 2' AGL/1959' MSL. Sign 33' from DER, 168' left of centerline, 5' AGL/1962' MSL Building 1152' from DER, 757' right of centerline, 33' AGL/1987' MSL. Tree 1568' from DER, 902' right of centerline, 62' AGL/2016' MSL. Tree 1732' from DER, 862' right of centerline, 72' AGL/2026' MSL. Trees beginning 1844' from DER, 586' right of centerline, up to 91' AGL/2045' MSL. Trees beginning 2290' from DER, 373' right of centerline, up to 113' AGL/2064' MSL. Tree 3763' from DER, 1368' left of centerline, 92' AGL/2061' MSL. Trees beginning 4128' from DER, 1137' left of centerline, up to 106' AGL/2108' MSL. Tree 4726' from DER, 1558' left of centerline, 136' AGL/2133' MSL. Trees beginning 4728' from DER, 384' left of centerline, up to 129' AGL/2143' MSL. Trees beginning 5282' from DER, 607' left of centerline, up to 117' AGL/2171' MSL. Tree, building, vehicles on road beginning 5631' from DER, 765' left of centerline, up to 113' AGL/2174' MSL. Trees beginning 1 NM from DER, 1177' left of centerline, up to 65' AGL/2193' MSL. Trees, building beginning 1.1 NM from DER, 970' left of centerline, up to 94' AGL/2292' MSL. Trees beginning 1.2 NM from DER, 899' left of centerline, up to 116' AGL/2336' MSL. Trees beginning 1.3 NM from DER, 927' left of centerline, up to 120' AGL/2346' MSL. Trees beginning 1.4 NM from DER, 869' left of centerline, up to 96' AGL/2353' MSL. Trees, building, terrain beginning 1.5 NM from DER, 508' left of centerline, up to 85' AGL/2390' MSL. Buildings, trees beginning 1.6 NM from DER, 851' left of centerline, up to 40' AGL/2461' MSL. Trees, building, terrain beginning 1.7 NM from DER, 706' left of centerline, up to 59' AGL/2509' MSL. Trees, buildings, transmission lines, poles, terrain beginning 2 NM from DER, 14' left of centerline, up to 77' AGL/ 2522' MSL Trees beginning 2.3 NM from DER, 37' right of centerline, up to 2344' MSL. Trees beginning 2.4 NM from DER, 12' right of centerline, up to 102' AGL/2432' MSL. Trees, transmission lines, poles, terrain beginning 2.5 NM from DER, 83' right of centerline, up to 125' AGL/2494' MSL. Rwy 4R: Light poles beginning 20' from DER, 389' left of centerline, up to 2' AGL/1959' MSL. Buildings, utility building beginning 85' from DER, 341' right of centerline, up to 19' AGL/1971' MSL. Buildings beginning 203' from DER, 284' right of centerline, up to 21' AGL/1974' MSL. Buildings beginning 303' from DER, 274' right of centerline, up to 22' AGL/1975' MSL. Buildings beginning 622' from DER, 276' right of centerline, up to 27' AGL/1981' MSL. Navaid, building beginning 920' from DER, 270' right of centerline, up to 33' AGL/1987' MSL. Trees, buildings, pole beginning 931' from DER, 257' right of centerline, up to 82' AGL/2036' MSL. Trees beginning 1854' from DER, 169' right of centerline, up to 91' AGL/2045' MSL. Trees beginning 1941' from DER, 86' right of centerline, up to 105' AGL/2059' MSL. Trees beginning 2300' from DER, 253' right of centerline, up to 113' AGL/2064' MSL. Trees beginning 2827' from DER, 584' right of centerline, up to 115' AGL/2065' MSL. Tree 3621' from DER, 127' left of centerline, 105' AGL/2053' MSL. Tree 4580' from DER, 1638' left of centerline, 112' AGL/2076' MSL. Trees beginning 4730' from DER, 843' left of centerline, up to 92' AGL/2087' MSL. Tree 4883' from DER, 946' left of centerline, 2089' MSL. Trees beginning 4900' from DER, 885' left of centerline, up to 105' AGL/2099' MSL. Trees beginning 5012' from DER, 870' left of centerline, up to 92' AGL/2109' MSL. Trees beginning 5292' from DER, 1108' left of centerline, up to 112' AGL/2121' MSL. Trees beginning 5401' from DER, 1268' left of centerline, up to 125' AGL/2134' MSL. Trees beginning 5500' from DER, 1720' left of centerline, up to 125' AGL/2139' MSL. Trees beginning 5620' from DER, 1266' left of centerline, up to 112' AGL/2146' MSL. Trees beginning 5987' from DER, 1868' left of centerline, up to 125' AGL/2154' MSL. Trees beginning 1.1 NM from DER, 1471' left of centerline, up to 94' AGL/2292' MSL. Trees beginning 1.2 NM from DER, 1401' left of centerline, up to 106' AGL/2321' MSL. Trees, building beginning 1.3 NM from DER, 1010' left of centerline, up to 111' AGL/2327' MSL. Trees, buildings, terrain beginning 1.5 NM from DER, 1019' left of centerline, up to 101' AGL/2332' MSL. Trees, buildings beginning 1.6 NM from DER, 1646' left of centerline, up to 73' AGL/2372' MSL. Buildings, trees beginning 1.7 NM from DER, 1694' left of centerline, up to 27' AGL/2377' MSL. Trees, buildings, terrain beginning 1.8 NM from DER, 2010' left of centerline, up to 57' AGL/2451' MSL. Buildings, trees, terrain beginning 1.9 NM from DER, 2005' left of centerline, up to 55' AGL/2470' MSL. Trees, buildings, transmission lines, poles, terrain, vegetation beginning 2 NM from DER, 34' left of centerline, up to 94' AGL/2522' MSL Trees 2.4 NM from DER, 13' right of centerline, 102' AGL/2432' MSL. Trees, transmission lines, poles, terrain beginning 2.5 NM from DER, 103' right of centerline, up to 125' AGL/2494' MSL. (CONTINUED ON FOLLOWING PAGE)

MANITO ONE DEPARTURE (OBSTACLE) (MNITO1.GEG) 15JUN23

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