Fence, bushes, trees, beginning 65' from DER, 102' left of centerline, up to 17' AGL/27' MSL. Fence, bush, trees beginning 70' from DER, 215' right of centerline, up to 22' MSL. Trees, building beginning 151' from DER, 76' right of centerline, up to 36' MSL.

Trees beginning 3167' from DER, 1145' right of centerline, up to 119' AGL/124' MSL.

TAKEOFF OBSTACLE NOTES

ASTORIA THREE DEPARTURE (OBSTACLE)

Rwy 8: Bush 57' from DER, 120' left of centerline, 14' MSL.

Trees beginning 207' right of centerline, up to 41' MSL.

Tree 1112' from DER, 453' right of centerline, 58' MSL.

Rwy 14: Pole 44' from DER, 224' left of centerline, 12' AGL/25' MSL. Tree 354' from DER, 381' left of centerline, 67' MSL. Tree 524' from DER, 316' right of centerline, 33' MSL.

Tree 666' from DER, 544' right of centerline, 78' MSL.

Tree 1792' from DER, 104' left of centerline, 89' MSL. Tree 2493' from DER, 280' left of centerline, 121' MSL.

Trees beginning 510' from DER, 79' left of centerline, up to 34' MSL. Trees beginning 668' from DER, 281' right of centerline, up to 43' MSL. Trees beginning 815' from DER, 336' right of centerline, up to 52' MSL.

Trees beginning 571' from DER, 641' left of centerline, up to 87' MSL.

Trees beginning 1255' from DER, 450' right of centerline, up to 121' MSL.

Trees beginning 1975' from DER, 273' left of centerline, up to 92' MSL.

Trees beginning 4250' from DER, 229' left of centerline, up to 146' MSL. Trees beginning 4690' from DER, 1267' left of centerline, up to 149' MSL.

Trees beginning 4821' from DER, 218' left of centerline, up to 164' MSL.

Trees beginning 5434' from DER, 1603' left of centerline, up to 171' MSL.

Trees beginning 2239' from DER, 64' left of centerline, up to 102' AGL/107' MSL.

Trees beginning 3194' from DER, 248' left of centerline, up to 131' AGL/139' MSL. Trees beginning 4022' from DER, 879' right of centerline, up to 130' MSL. Trees beginning 4103' from DER, 273' right of centerline, up to 145' MSL.

Trees beginning 4206' from DER, 150' right of centerline, up to 141' AGL/148' MSL.

Trees beginning 6051' from DER, 1803' left of centerline, up to 174' AGL/182' MSL. Antenna 1 NM from DER, 1558' right of centerline, 164' AGL/173' MSL. Rwy 32: Vehicles, trees, fence beginning 2' from DER, 231' left of centerline, up to 46' MSL.

Sign 1982' from DER, 1010' right of centerline, 64' MSL. Tree 2137' from DER, 490' left of centerline, 93' MSL.

Tree 3051' from DER, 1157' left of centerline, 116' MSL. Tree 3089' from DER, 849' left of centerline, 122' MSL. Tree 3140' from DER, 699' left of centerline, 124' MSL.

Tree 4744' from DER, 1488' left of centerline, 150' MSL.

Tree 5241' from DER, 1316' left of centerline, 165' MSL.

Tree 5893' from DER, 1752' left of centerline, 173' MSL.

ASTORIA THREE DEPARTURE (OBSTACLE) (AST3.AST) 19JUL18