



$lwy = LEEWAY_MAX * (E * \text{pow}((rwa - \text{hdg}), 3) + F * \text{pow}((twa - \text{hdg}), 2) + G * (rwa - \text{hdg}) + H)$
 $\text{vog.v1} = \text{vow.v1} / \cos(lwy)$
 $\text{vog.v2} = \text{vow.v2} + lwy$

$lwy = LEEWAY_MAX * (A * \text{pow}(awa, 3) + B * \text{pow}(awa, 2) + C * awa + D)$
 $\text{vog.v1} = \text{vow.v1} / \cos(lwy)$
 $\text{vog.v2} = \text{vow.v2} + lwy$

