THE AIRPLANE INERTIA LOADS REQUIRED TO BALANCE THE EXTERNAL FORCES

SINGLE WHEEL LOAD FROM 2 WHEEL LEVEL LANDING CONDITION.

NOSE OR TAIL WHEEL TYPE

Figure 5—Lateral drift landing.

\[ 2V_M + 1.0 W \]

\[ V_M = \text{one-half the maximum vertical ground reaction obtained at each main gear in the level landing conditions.} \]

* NOSE GEAR GROUND REACTION = 0

NOSE OR TAIL WHEEL TYPE AIRPLANE IN LEVEL ALTITUDE