

FIGURE 6—Braked roll.

T = INERTIA FORCE NECESSARY TO BALANCE THE WHEEL DRAG
* $D_N = 0$ UNLESS NOSE WHEEL IS EQUIPPED WITH BRAKES.
FOR DESIGN OF MAIN GEAR $V_N = 0$
FOR DESIGN OF NOSE GEAR $I = 0$

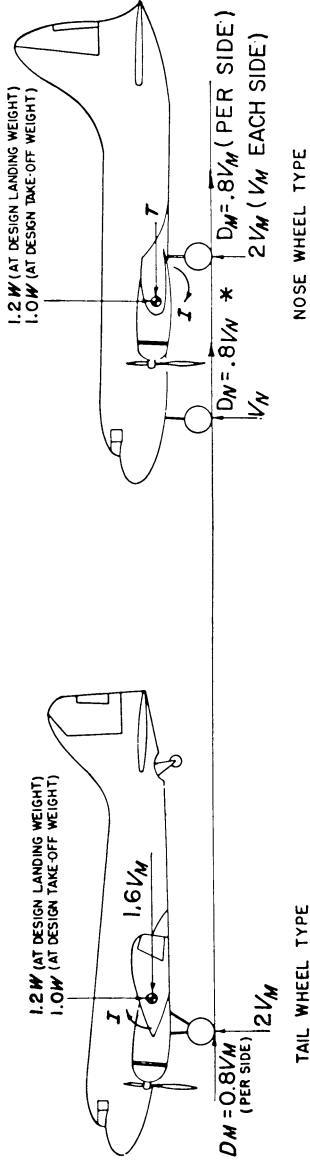
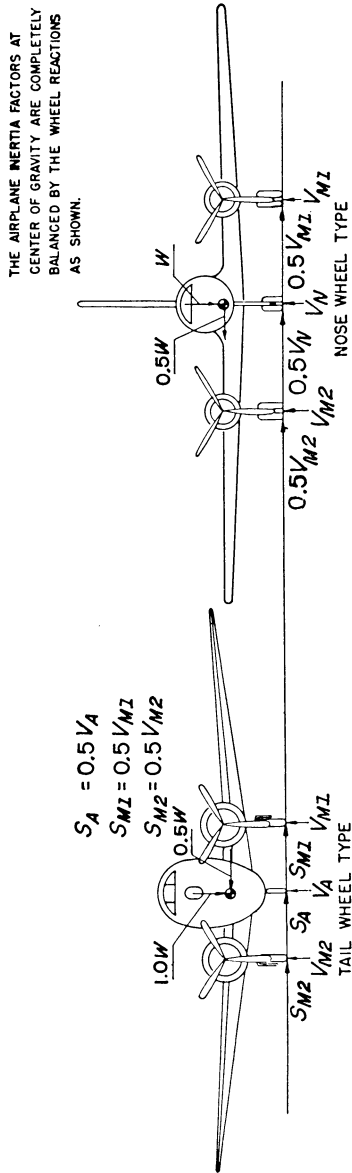


FIGURE 7—Ground turning.



THE AIRPLANE INERTIA FACTORS AT
CENTER OF GRAVITY ARE COMPLETELY
BALANCED BY THE WHEEL REACTIONS
AS SHOWN.

$S_A = 0.5 V_A$
 $S_{M1} = 0.5 V_{M1}$
 $S_{M2} = 0.5 V_{M2}$