

TABLE 1. CORRECTIONS TO BE MADE TO FIRE DA51 (M1122) WITH EXISTING D529 (M795) AIMING DATA.

<b>ZONE</b>	<b>RANGE CORRECITON</b>	<b>DEFLECTION CORRECTION</b>
M231, 1L	+5 m/s to M795 MV	-3% to M795 drift (in mils)
M231, 2L	+1 m/s to M795 MV	-7% to M795 drift (in mils)
M232 and M232A1, 3H	+1 m/s to M795 MV	-6% to M795 drift (in mils)
M232 and M232A1, 4H M119A2, 7R M119A1, 8	+2 m/s to M795 MV	-6% to M795 drift (in mils)
M232 and M232A1, 5H M203A1, 8S M203, 8R	1% increase in air density, +1 m/s to M795 MV	-8% to M795 drift (in mils)

FOR EXAMPLE, TO HIT A TARGET AT 10,000 METERS USING AN M795 FIRED AT LOW ANGLE (QE OF 540.8) AT ZONE 2L, THE AZIMUTH CORRECTION IS 14.4 MILS TO THE LEFT. THE AZIMUTH CORRECTION FOR THE M1122 IS 7% LESS THAN THE CORRECTION FOR THE M795, SO TO FIND THE CORRECT AZIMUTH CORRECTION MULTIPLY 14.4 BY 0.93. THE AZIMUTH CORRECTION FOR THE M1122 IS 13.4 MILS TO THE LEFT.