## UNIFIED PROPULSION P7 SOLUTIONS

## WAITZ ZOOL

a) 
$$\frac{TT_3}{T_0} = \frac{TT_3}{T_{72}} \cdot \frac{TT_2}{T_{71}} \cdot \frac{TT_1}{T_0}$$

To assume  $1 + \frac{\chi^{-1}}{2}M_0^2$ 

Wentropic

= 1

COMPOSED OF TEMPERATURE RISE

DUE TO RAM EFFECT + TEMPERATURE

RISE DUE TO WORK ADDITION IN WMPRESSOR

ANY COMBINATION OF TO & MO SUCH THAT

B) PLUGGING INTO EQNS:

L. MP CHANGES BECAUSE AT CONSTANT MO, U. AS T. &