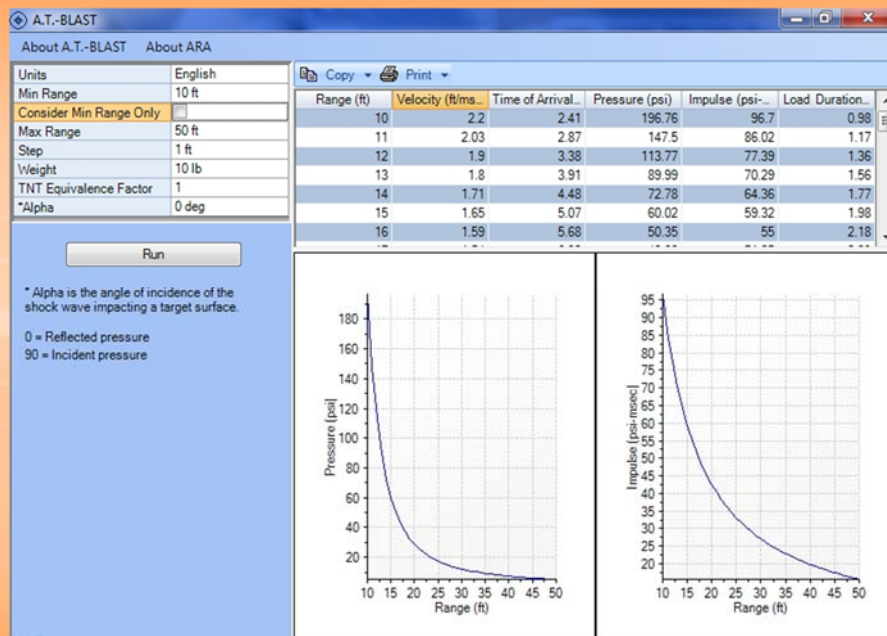


A.T.-BLAST

A.T.-BLAST calculates blast loading parameters from an open-air hemispherical explosion based on distance from the device. The program allows the user to enter the weight of the explosive charge, a reflection angle, minimum and maximum ranges to the charge, and a calculation interval. From this information, A.T.-BLAST calculates Shock Front Velocity (V), Time of Arrival (TOA), Pressure (P), Impulse (I), and equivalent linear load duration (t_d). The results are displayed on screen in both tabular and graphical formats.



Specific features of A.T.-BLAST include the ability to:

- **Quickly calculate major blast loading parameters**
- **Generate table of blast load versus range**
- **Copy the resulting tables and graphs to the clipboard**
- **Print the resulting tables and graphs**
- **Generate graphs of pressure and impulse versus range**
- **Export the resulting graphs to DPLOT**



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