

Test case: Mach 8.1

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Parameter	Freestream	Wall	Outlet
Velocity [m/s]	1299.09	No-slip	NA
Pressure [Pa]	370.7	NA	Parameter
Temperature [K]	63.73	300	NA

```
amrisana@amrisana-ubu:~$ mppequil -T 63.73 -P 370.7 -m 41 air5  
a_f[m/s]  
160.353
```

⇒ Mach = $4660/562.137 = 8.10$