COMass

Quiver fun with \( \vec{V} = kx \hat{i} - ky \hat{j} \)
\( ky \hat{i} - kx \hat{j} \)
\( ky \hat{i} + kx \hat{j} \)
\( kt \hat{i} \)
estc.

For \( \vec{V} = kx \hat{i} \), how could it satisfy COMass

1. 3-D (top view of stagnation pt. flow plane)
2. Compressible (can solve for \( P = p(x) \))

CO Mom \( (NS - top \ pg. \ 215) \)
which terms are related to \( F \)
which \( " \quad " \quad " \quad " \quad " \quad " \quad ma \)

accel:

\[ \frac{D\vec{V}}{Dt} \quad for \quad \vec{V} = kt \hat{i} \]
\[ \vec{V} = kx \hat{i} - ky \hat{j} \]