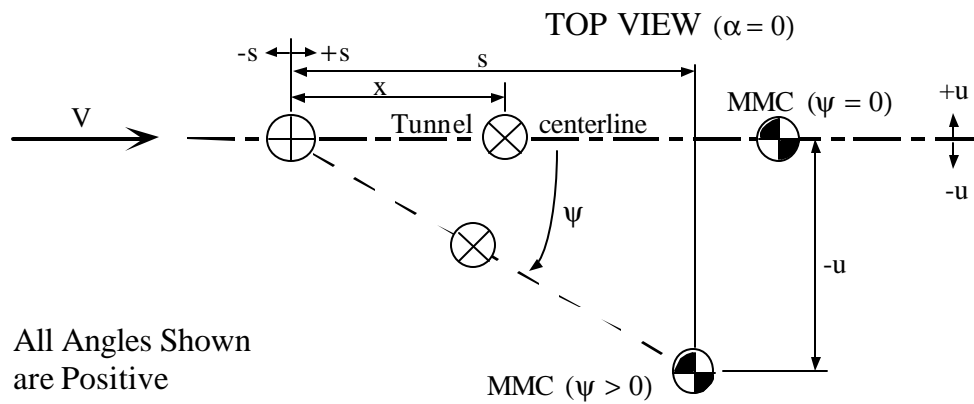
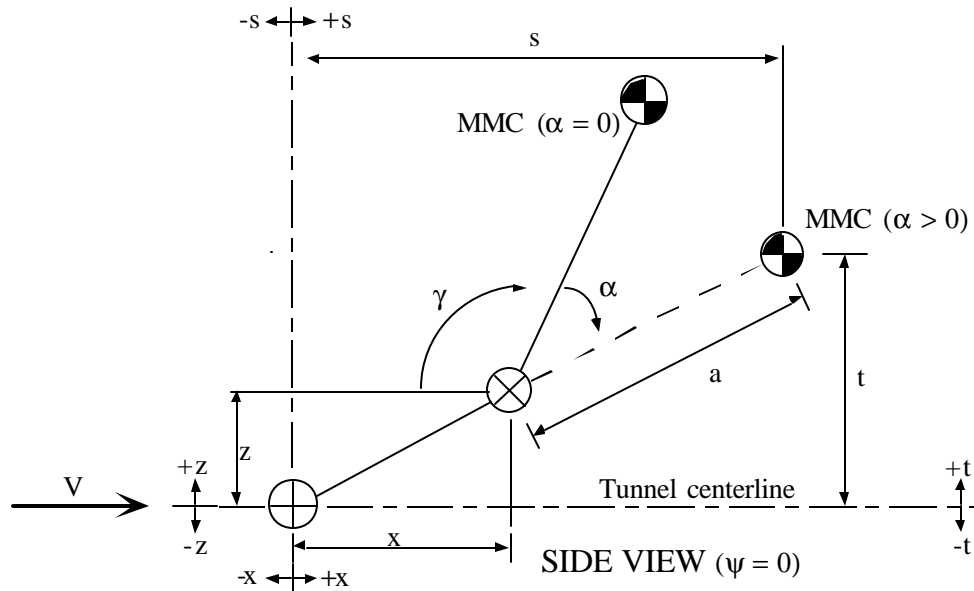


TRANSFER DIAGRAM



All Angles Shown
 are Positive

$$s = [x - a \cdot \cos(\gamma + \alpha)] \cos(\psi)$$

$$t = a \cdot \sin(\gamma + \alpha) + z$$

$$u = [a \cdot \cos(\gamma + \alpha) - x] \sin(\psi)$$

- \oplus Balance Moment Center (BMC)
- \otimes Trunnion Position (α pivot location)
- \ominus Model Moment Center (MMC)