



LE: flow not necessarily attached to blade

TE: flow W_2 always attached to blade

Known: V_B , U_1 , α_1
Find: W_1 (relative velocity)

Known: V_B , W_2 (attached flow),
 $U_{2,x}$ (constant velocity)
Unknown: U_2

Resulting Velocity Triangle
Between Leading and Trailing Edges

