

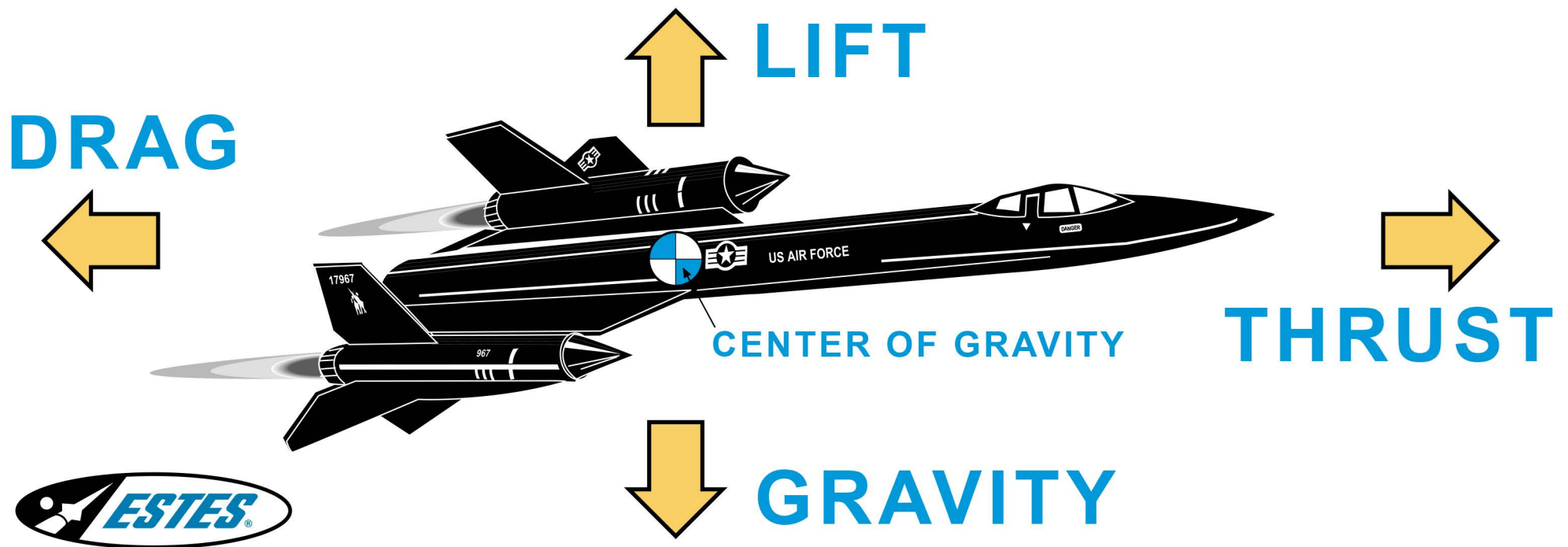


FLIGHT POSTER SET

#9023

FORCES

ON FLYING OBJECTS

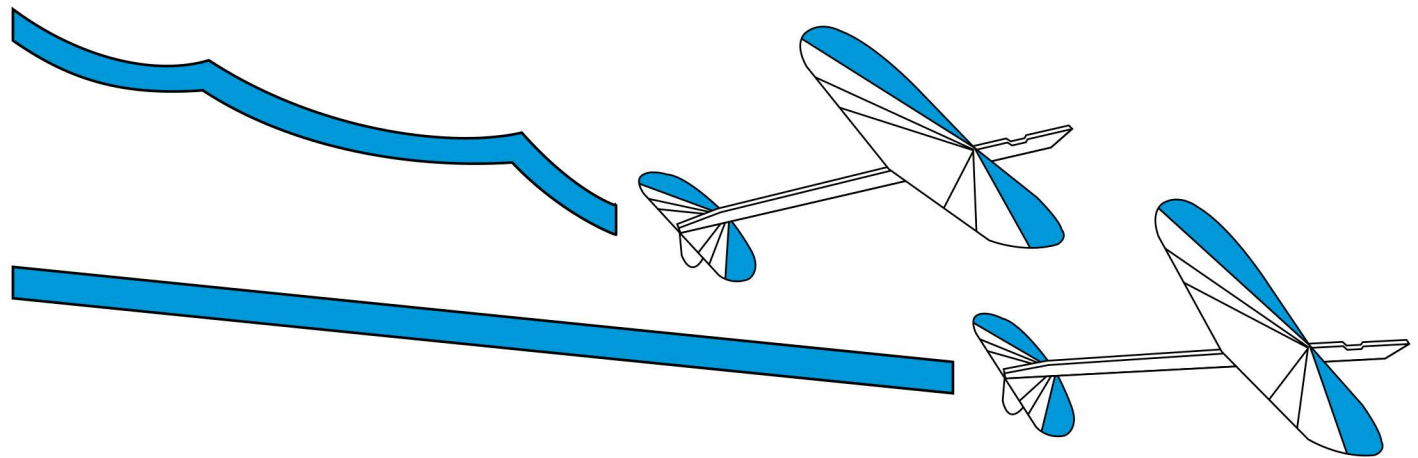


Glide, Stall, & Dive



STALL

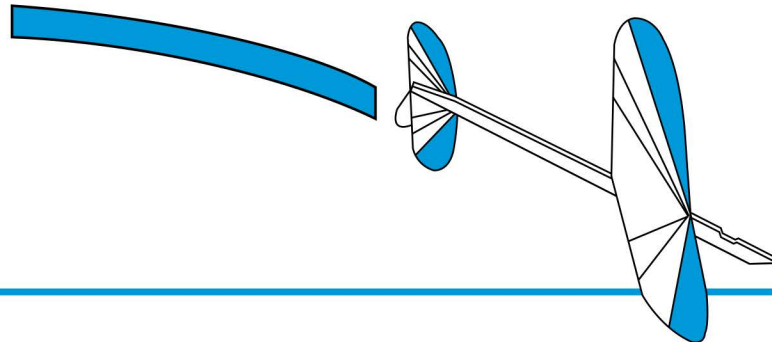
NEEDS MORE
WEIGHT AT NOSE



GLIDE

DIVE

NOSE TOO
HEAVY

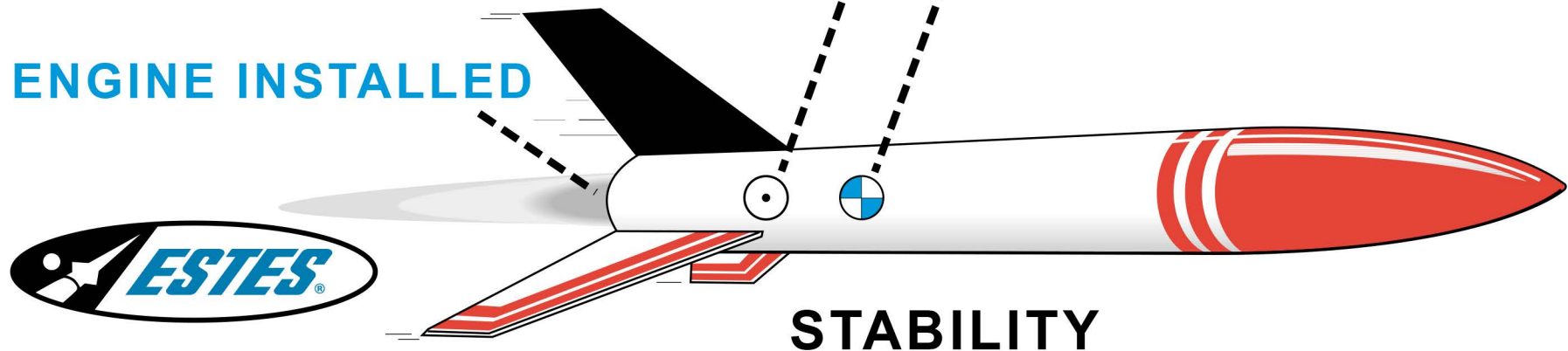


Center of Gravity of Pressure

CENTER OF PRESSURE
(AERODYNAMIC FORCES
EVENLY DISTRIBUTED)

CENTER OF GRAVITY
(WEIGHT EVENLY DISTRIBUTED)

ENGINE INSTALLED



**Center of Gravity Must Be Ahead Of Center Of Pressure.
The Distance Between The CG And The CP Should Be Equal To
Or Greater Than One Body Diameter.**