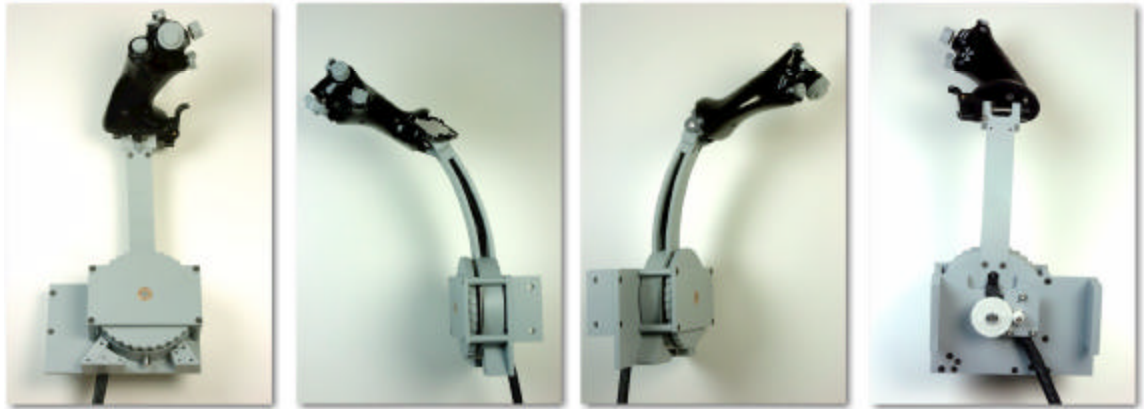


## F-16C Throttle - Product Information



### Throttle Arm Movement

- Full Aft (Buck Idle Position) = 60 degrees
- Buck Idle Gate (transition point from min power to buck idle) = 68 degrees
- Full Mill Power (initiates afterburner ignition) = 104 degrees
- Full forward (Full afterburner) = 126 degrees

### Range of Movement

- Total range of movement for the throttle arm is 66 degrees.
- Total rotation for the grip is 12.5 degrees (to pass through the afterburner gate the throttle grip must be lifted up until it hits the mechanical stop)
- To reduce the throttle through the buck idle gate the grip pinky lever must be pulled and the grip rotated an additional 10 degrees or a total of 22.5 degrees minimum.

### Engineering Specifications

- Throttle arm potentiometer is mil-spec and rated for 1 million rotational cycles. Impedance is 100K. The gearing allows potentiometer rotation of 230 degrees of its 314 degree stroke or approximately 74 % of its total rotation.
- Throtte grip is wired for the Thrustmaster Cougar throttle base which provides discrete wires for each switch supporting an interface to any digital input for the switches and analog inputs for the potentiometers.
- Mounting holes (four) are identical in position and size to the real F-16C throttle.

