

F-16 1:4 Scale

Center of Gravity

CG of the plane weighed on the nose wheel should be between 14-15 Lbs. You can fly it further back but use caution on landing as the tail will start to sink as you get slower. BVM's demo F-16 is at 13.5 Lbs on the nose wheel.

Balance the model fully assembled, empty fuel tanks, gear down, and a full UAT.

Control Deflections

Note: The BVM Demo plane is set up using the following. These values are in degrees.

Control	High Rate	Mid Rate
Aileron	Up 20° Down 18°	
Elevator	Up 10° Down 6°	Up 6° Down 4°
Flaps	Take Off 12° Landing 12°	

Note: This model's single flap setting was based on the full scale F-16. Anytime the gear was lowered or raised, the flaps went to a preset position.