

Quick Reference Sight Depression Angles

Fence-in (Manual Delivery)

- 1 Stations Selected
- 2 Sight Mode A/G
- 3 Sight Depression Set
- 4 Weapon Fuze Nose & Tail
- 5 Delivery Mode Direct
- 6 WPN Select BOMBS (or) RKTS&DISP
- 7 Master Arm On

Guns & Rockets

Internal Gun 10° @ 450 KCAS		Gun Pods 10° @ 450 KCAS	
<u>Altitude</u>	<u>Mils</u>	<u>Altitude</u>	<u>Mils</u>
3000 ft	100	3000 ft	80
2000 ft	70	2000 ft	50
1000 ft	40	1000 ft	10

FFAR Rockets			
<u>Altitude</u>	<u>Speed</u>	<u>Angle</u>	<u>Mils</u>
2500 ft	475 TAS	10°	30
2500 ft	450 TAS	20°	25
3000 ft	410 TAS	30°	15
3000 ft	410 TAS	45°	5

Unguided Bombs

MK.82 SE/AIR			
<u>Altitude</u>	<u>Speed</u>	<u>Angle</u>	<u>Mils</u>
300 ft	500 TAS	0°	150
500 ft	500 TAS	0°	210
500 ft	500 TAS	10°	110
500 ft	500 TAS	20°	55

MK.82/83/84 Low Drag			
<u>Altitude</u>	<u>Speed</u>	<u>Angle</u>	<u>Mils</u>
3000 ft	450 TAS	20°	155
2000 ft	450 TAS	20°	115
3000 ft	450 TAS	30°	115
2000 ft	450 TAS	30°	85

MK.82/83/84 & MK.20/CBU.87			
<u>Altitude</u>	<u>Speed</u>	<u>Angle</u>	<u>Mils</u>
3000 ft	450 TAS	20°	155
2000 ft	450 TAS	20°	115
3000 ft	450 TAS	30°	115
2000 ft	450 TAS	30°	85

TV-Guided Weapons

AGM-65 Maverick

- 1 Stations Selected
- 2 Sight Mode A/G
- 3 Sight Depression 45 Mils
- 4 Delivery Mode Direct
- 5 WPN Select TV
- 6 Master Arm On (3min Spin Up)
- 7 Remove Seeker Cover Trigger
- 8 Uncage Seeker Trigger
- 9 Seeker FOV (65D & 65G) Trigger
- 10 Slew Seeker Hold AAR
- 11 Lock Seeker Release AAR
- 12 Launch Missile Bomb Release

AGM-62 Walleye / GBU-8 Hobos

- 1 Stations Selected
- 2 Sight Mode A/G
- 3 Sight Depression 22 Mils
- 4 Delivery Mode Direct
- 5 WPN Select TV
- 6 Master Arm On (3min Spin Up)
- 7 Activate the sensor Trigger
- 8 Lock Seeker Hold Trigger
- 9 Release Bomb Bomb Release

Unguided Weapon Sight Depression Angles

Unguided Bombs

MK.82 SNAKE EYE/AIR			
Altitude	Speed	Angle	Mils
300 ft	500 TAS	0°	150
500 ft	500 TAS	0°	210
500 ft	500 TAS	10°	110
500 ft	500 TAS	20°	55

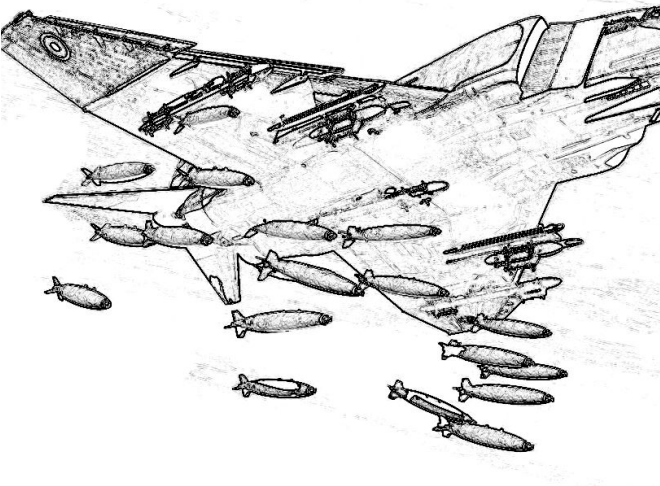
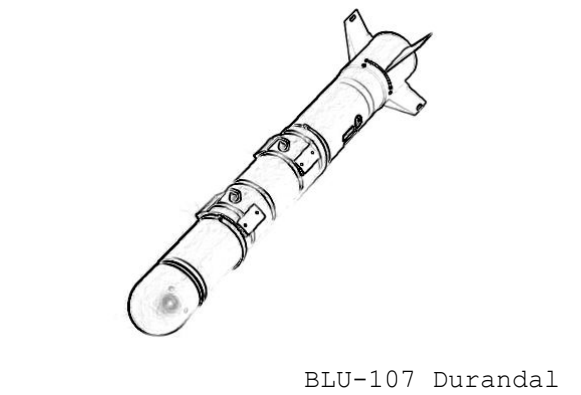
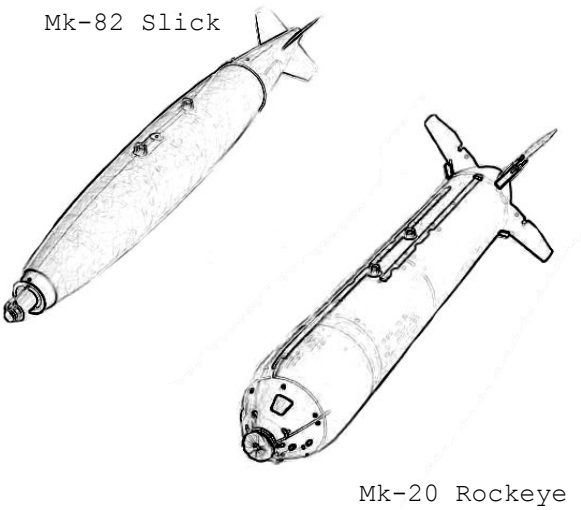
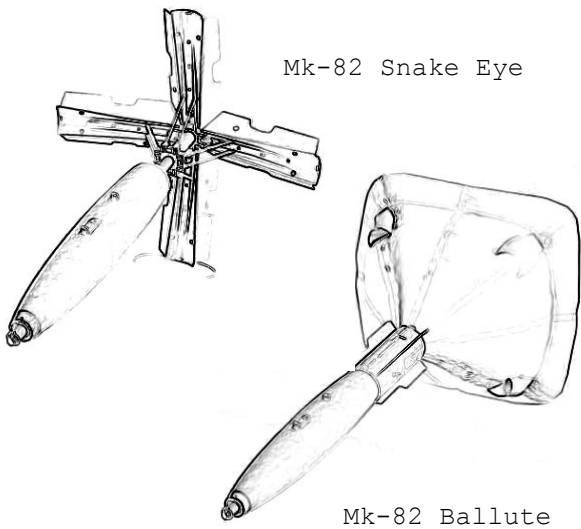
MK.82/83/84 Low Drag MK.20/CBU.87			
Altitude	Speed	Angle	Mils
3000 ft	450 TAS	20°	155
2000 ft	450 TAS	20°	115
3000 ft	450 TAS	30°	115
2000 ft	450 TAS	30°	85

BLU-107 Durandal Anti-Runway			
Altitude	Speed	Angle	Mils
500 ft	550 TAS	0°	180
<400 ft	Below Min. Altitude		

For 12 bombs ripple use 0.7s release interval for standard runways and 0.4s for short runways

Fence-in (Manual Delivery)

- 1 Stations Selected
- 2 Sight Mode A/G
- 3 Sight Depression Set
- 4 Fuze Nose & Tail
- 5 Delivery Mode Direct
- 6 WPN Select BOMBS
- 7 Radar Altimeter Set
- 8 Master Arm On



Unguided Weapon Sight Depression Angles

Guns

Internal Cannon			
<u>Altitude</u>	<u>Speed</u>	<u>Angle</u>	<u>Mils</u>
1000 ft	450 TAS	10°	45
1500 ft	450 TAS	10°	50
2000 ft	450 TAS	10°	70
2500 ft	450 TAS	10°	90

Centerline Gunpod			
<u>Altitude</u>	<u>Speed</u>	<u>Angle</u>	<u>Mils</u>
1500 ft	450 TAS	10°	30

Underwing Gunpod			
<u>Altitude</u>	<u>Speed</u>	<u>Angle</u>	<u>Mils</u>
1500 ft	450 TAS	10°	20

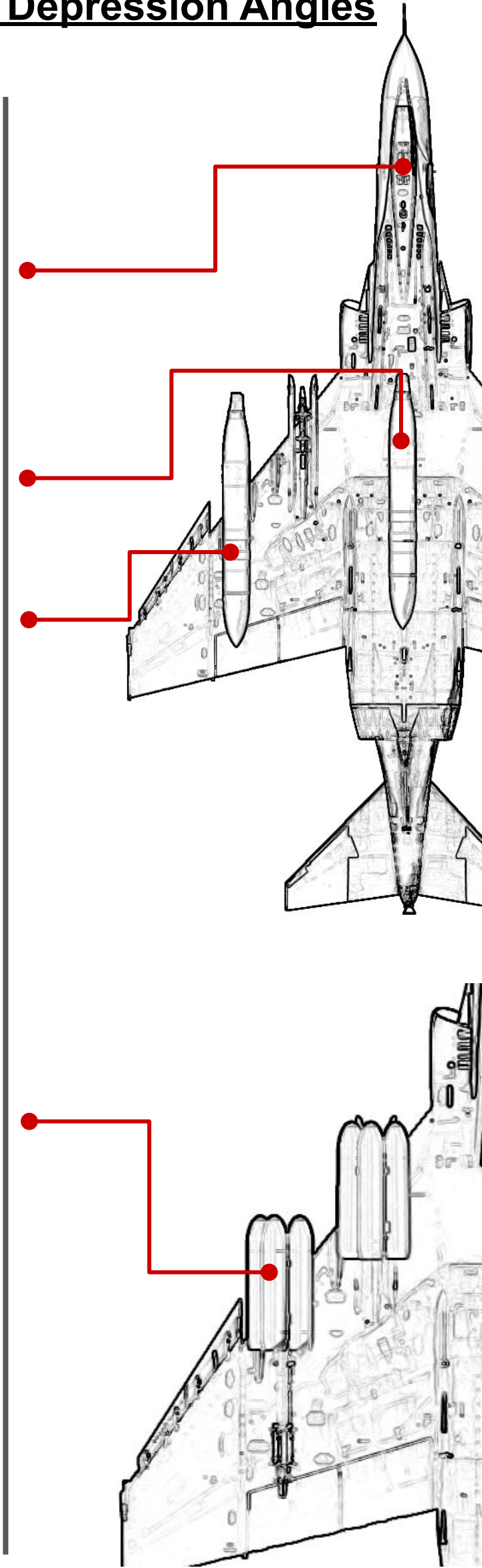
Fence-in (Guns)

- 1 Stations Selected
- 2 Sight Mode A/G
- 3 Sight Depression Set
- 4 Gun select switch Set
- 5 WPN Select RKTS&DISP
- 6 Rate of Fire & Auto Clear Set
- 7 Master Arm On

FFAR Rockets			
<u>Altitude</u>	<u>Speed</u>	<u>Angle</u>	<u>Mils</u>
2500 ft	450 TAS	10°	30
2500 ft	450 TAS	20°	25
2500 ft	450 TAS	30°	15

Fence-in (Rockets)

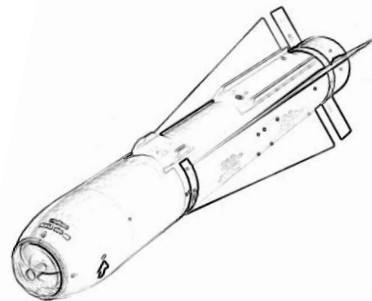
- 1 Stations Selected
- 2 Sight Mode A/G
- 3 Sight Depression Set
- 4 Fuze Nose & Tail
- 5 Delivery Mode Direct
- 6 WPN Select RKTS&DISP
- 7 Master Arm On



Guided Weapon Sight Depression Angles

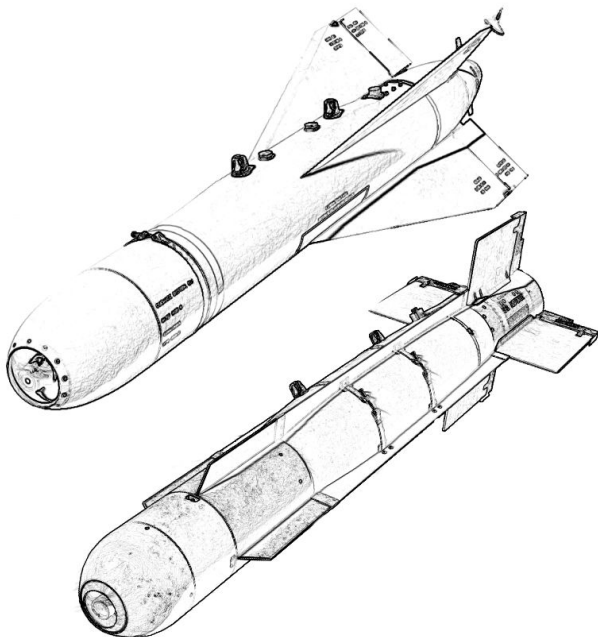
AGM-65 Maverick

- 1 Stations Selected
- 2 Sight Mode A/G
- 3 Sight Depression 45 Mils
- 4 Delivery Mode Direct
- 5 WPN Select TV
- 6 Master Arm On (3min Spin Up)
- 7 Remove Seeker Cover Trigger
- 8 Uncage Seeker Trigger
- 9 Seeker FOV (65D & 65G) Trigger
- 10 Slew Seeker Hold AAR
- 11 Lock Seeker Release AAR
- 12 Launch Missile Bomb Release



AGM-62 Walleye / GBU-8 Hobos

- 1 Stations Selected
- 2 Sight Mode A/G
- 3 Sight Depression 22 Mils
- 4 Delivery Mode Direct
- 5 WPN Select TV
- 6 Master Arm On (3min Spin Up)
- 7 Activate the sensor Trigger
- 8 Lock Seeker Hold Trigger
- 9 Release Bomb Bomb Release



AGM-12 Bullpup

- 1 Stations Selected
- 2 Sight Mode A/G
- 3 Sight Depression 0 Mils
- 4 Delivery Mode Direct
- 5 WPN Select AGM-12
- 6 Master Arm On
- 7 Launch Missile Bomb Release
- 8 Steer Missile Mini-Stick

