



## KEY REFERENCE CARD

### SIMULATION VIEWS

Normal Front View	( F1 Key )
Full Frontal View	( F2 Key )
Rear View	( F3 Key )
Pilot View	( F4 Key )
Remote View	( F5 Key )
Side View	( F6 Key )
Missile View	( F7 Key )
Padlock View	( F8 Key )
Tactical View	( F9 Key )
Reverse Tactical View	( F10 Key )
Zoom In View	( z Key )
Zoom Out View	( x Key )
Front/ Back Seat	( ' Key )
Look Up/Down	( / Key )
Look Left	( < Key )
Look Right	( > Key )
Keypad View Controls	( 2, 4, 5, 6, 8 Keys )

### PRIMARY FLIGHT CONTROLS

Accelerate	( = Key )
Max Accel Power	( shft = Key )
Afterburner	( a Key )
Decelerate	( - Key )
Cut Throttle	( shft - Key )
Automatic Pilot	( p Key )
Directional Controls	( arrow keys )

### SECONDARY FLIGHT CONTROLS

Next Sequence Point +	( s Key )
Next Sequence Point -	( shft s Key )
Upfront Controller Toggle	( u Key )
Running Lights	( shft l key )
Eject	( shft e Key )
Landing Gear	( g Key )
Brake	( b Key )
Picture (AWACS)	( shft p Key )

### TRAINING MODE CONTROLS

Training Mode Key	( alt t Key )
Resupply Key	( alt r Key )
Day/ Night Forward Acceleration	( alt = Key )
Day/ Night Backward Acceleration	( alt - Key )

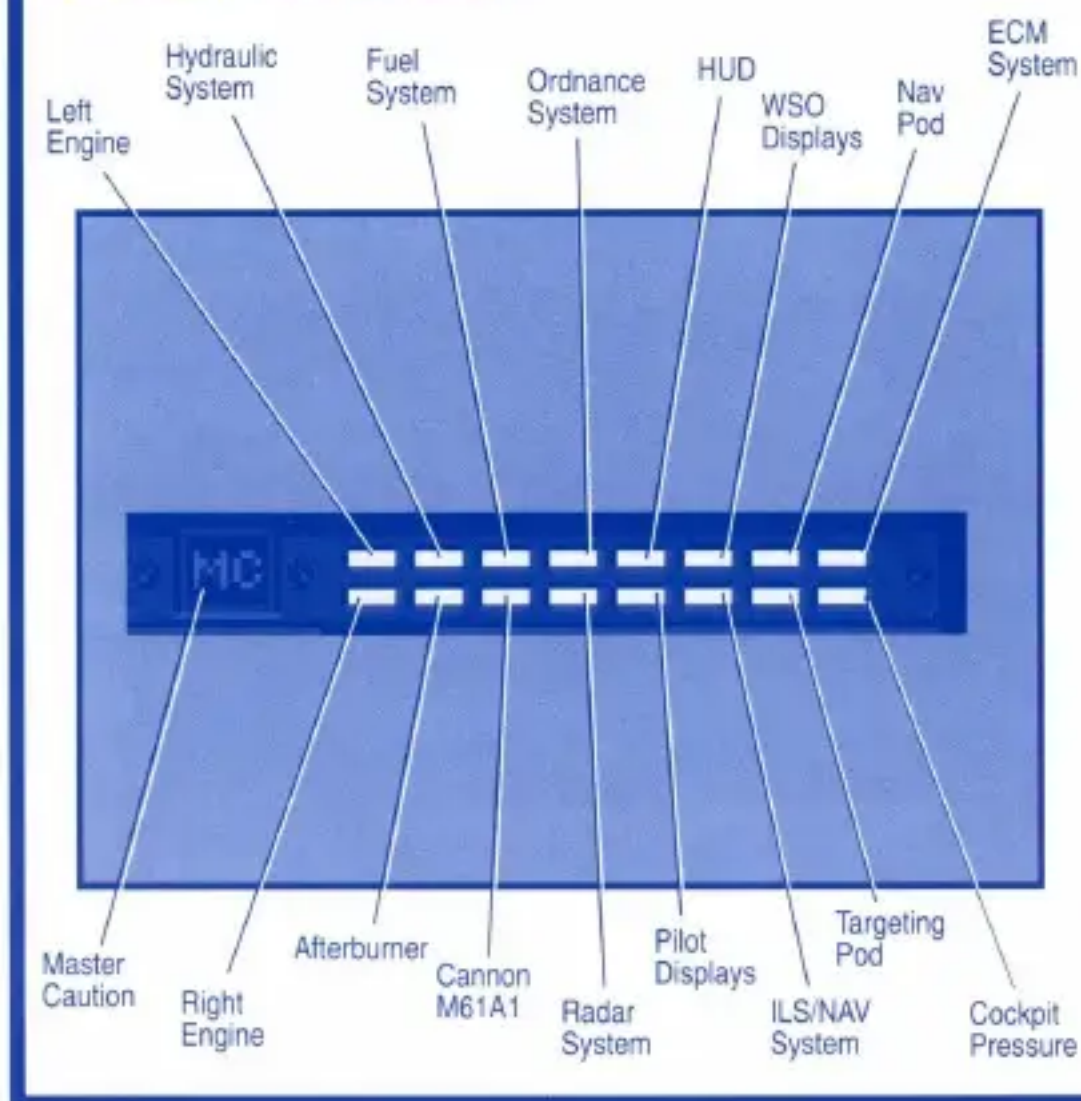
### SLEW CONTROLS (TRAINING MODE ONLY)

Slew North	( alt s )
Slew West	( alt z )
Slew East	( alt c )
Slew South	( alt x )

### MODEM CHAT MODE KEYS

CHAT Mode	( ; Key )
Canned Messages	( FI-FIO Keys ) with CHAT Mode On

### REAR COCKPIT - CAUTION LIGHTS





# TEWS RADAR LEGEND

## GROUND-BASED RADAR INDICATORS

(Square Icons)

- [1] **Continuous wave long-range SAM radar:**  
SA-2, SA-3
- [2] **Pulse-Doppler long-range SAM radar:**  
SA-5, HAWK
- [3] **Continuous wave short-range SAM radar:**  
SA-6
- [4] **Pulse-Doppler short-range SAM radar:**  
SA-8, Skyguard, Roland
- [8] **AAA Acquisition and Tracking radar:**  
Triple-A batteries
- [9] **Long-range search radar:**  
Ground Control Intercept (GCI) Stations

## HRM RANGE CONSTRAINTS

(Authentic Mode Only)

DW	RMin	RMax
0.67nm	3.0nm	20nm
1.3nm	3.5nm	40nm
3.3nm	4.5nm	50nm
4.7nm	5.0nm	80nm
10nm	11.0nm	80nm
20nm	22.0nm	80nm
40nm	44.0nm	80nm

## AIRCRAFT RADAR INDICATORS

(Diamond Icons)

- [1] **Pulse-Doppler Multi-target search and track radar:** F-15C/E, F-14D, F/A-18, MiG-29
- [2] **Pulse-Doppler single-target search and track radar:** F-16, F-4G, F-111
- [3] **Multi-mode search and track radar:**  
MiG-23, MiG-25, Kfir, Mirage III/5, Mirage F-1
- [4] **Single-mode search and track radar:**  
MiG-21, Jian F-7, Su-20/22, F-5E
- [5] **Range-only radar:**  
MiG-19, F-6, MiG-27, Su-7, Su-24
- [9] **Airborne Early Warning radar (AWACS):**  
E-3Sentry, Il-76 Adnan

## ALTITUDE/RANGE CONSTRAINTS

(Authentic Mode Only)

500 feet or less:	10nm
501 to 1000 feet:	20nm
1001 to 2000 feet:	40nm
above 2000 feet:	80nm

### SIMULATION CONTROLS

Escape	( ESC Key )
Joystick Recalibration	( alt j Key )
Quit	( alt q Key )
Pause	( alt p Key )
Accelerated Time (2-8x)	( shft t Key )
Normal Time	( t Key )
Keyboard Sensitivity	( alt k Key )

### ECM CONTROLS

Jammer Activate Toggle	( j Key )
Release Chaff	( c Key )
Deploy Flare	( f Key )

### MASTER MODES

Master Mode Toggle	( m Key )
--------------------	-----------

#### Air-to-Air Mode (AA)

Short Range Missile	( 2 Key )
Medium Range Missile	( 3 Key )
Pickle Button (Fire Missile)	( SPACEBAR )
IFF	( i Key )

#### Air-to-Ground Mode (AG)

Left Wing Station	( 4 Key )
Left Conformal Station	( 5 Key )
Centerline Station	( 6 Key )
Right Conformal Station	( 7 Key )
Right Wing Station	( 8 Key )
Pickle Button (Drop Ordnance)	( Spacebar )
Bombing Mode	( shft b Key )
Jettison AG Ordnance	( shft j Key )

#### All Modes (NAV, AA, AG)

Guns	( 1 Key )
Fire Guns	( ENTER Key )

### APG-70 RADAR CONTROLS

Radar Activate Toggle	( r Key )
Long/ Short Range Scan	( INSERT Key )
TWS	( DELETE Key )
Radar Range Selection	( HOME Key )
Auto-Aquisition/Boresight	( END Key )
Antenna-Up 5 Degrees	( PAGEUP Key )
Antenna-Down 5 Degrees	( PAGEDOWN Key )
Designate Target	( BACKSPACE )
Lock-Up Target	( l Key )
Break Lock	( k Key )

### MULTI-PURPOSE DISPLAY CONTROL KEYS

#### Pilot MPD/MPCDs

Front Left MPD	( 1 Key )
Front Right MPD	( 2 Key )
Front Center MPCD	( 3 Key )

#### Weapon Officer MPD/MPCDs

Rear Outer Left MPCD	( 4 Key )
Rear Inner Left MPD	( 5 Key )
Rear Inner Right MPD	( 6 Key )
Rear Outer Right MPCD	( 7 Key )
Place Display In Command	( alt Key ) + ( Display Number 1-7 )
Toggle Between Display Views	( shft Key ) + ( Display Number 1-7 )
Zoom View In (when applicable)	( z Key )
Zoom View Out (when applicable)	( x Key )

### HUD CONTROLS

Increase HUD Brightness	( h Key )
Decrease HUD Brightness	( shft h Key )
FLIR (HUD Night Vision)	( shft f Key )
Declutter HUD	( d key )