Object\Procedure	Key Command
ADF Set Control panel	
ADF BFO Switch	"Q - LCtrl - LAlt"
ADF Band 190-400 kHz	"6 - LCtrl - LAlt"
ADF Band 400-850 kHz	"7 - LCtrl - LAlt"
ADF Band 850-1750 kHz	"8 - LCtrl - LAlt"
ADF Band Select (rotary)	"5 - LCtrl - LAlt"
ADF Frequency Decrease	"[- LCtrl - LAlt"
ADF Frequency Increase	"] - LCtrl - LAlt"
ADF Gain Decrease	"- - LCtrl - LAlt"
ADF Gain Increase	"= - LCtrl - LAlt"
ADF Loop Left High	"Z - LCtrl - LAlt"
ADF Loop Left Low	"X - LCtrl - LAlt"
ADF Loop Right High	"V - LCtrl - LAlt"
ADF Loop Right Low	"C - LCtrl - LAlt"
ADF Mode ADF	"2 - LCtrl - LAlt"
ADF Mode ANT	"3 - LCtrl - LAlt"
ADF Mode LOOP	"4 - LCtrl - LAlt"
ADF Mode OFF	"1 - LCtrl - LAlt"
ADF Mode Select (rotary)	"` - LCtrl - LAlt"
Armament System	
Armament Off/Safe/Armed Down	[- RShift
Armament Off/Safe/Armed Up	] - RShift
Armament Selector Down	] - RAlt
Armament Selector Up	[- RAlt
Jettison	"J"
Jettison Cover	"J - LAlt"
Pair Less	"[- RCtrl"
Pair More	"] - RCtrl"
Right/All/Left Down	[- RAlt - RCtrl
Right/All/Left Up	] - RAlt - RCtrl
Rocket reset	"R - LCtrl"
Open/close Left door gunner	"4 - LAlt"
Open/close Rightt door gunner	"3 - LAlt"
Central Pedestal	
Bright/Dim switch Down	"F - LCtrl"
Bright/Dim switch Up	"F - LAlt"
De-Ice On/Off	"I"
Governor Auto/Manual	"G"
Main Fuel Switch	"F"
Reset/Test switch RESET	"R"
Reset/Test switch TEST	"R - LAlt"
Cheat	
Auto execute full start procedure	"Home - LWin"

Auto execute full stop procedure	"End - LWin"
AutoPilot	"A - LWin"
AutoPilot ATTITUDE HOLD	"A - LShift - LAlt"
AutoPilot LEVEL FLIGHT	"A - LCtrl"
AutoPilot ORBIT	"A - LAlt"
Weapon Hints On/Off	"H - LCtrl - LShift"
Ciruit Breaker Panel	
CB ARC-102 HF Static INVTR	
CB Anticollision light	
CB Cabin heater (Air valve)	
CB Cabin heater (Outlet valve)	
CB Cargo hook release	
CB Caution lights	
CB Cockpit lights	
CB Console lights	
CB Dome lights	
CB EXT Store jettison	
CB Engine anti-ice	
CB FM 2 Radio	
CB FM Radio	
CB FORCE Trim	
CB Fire detector	
CB Fuel TRANS	
CB Fuel valves	
CB Fuselage lights	
CB Generator & Bus Reset	
CB Governor Control	
CB HF ANT COUPLR	
CB HF ARC-102	
CB HYD Control	
CB Heated blanket 1	
CB Heated blanket 2	
CB IDLE Stor relay	
CB IFF APX 1	
CB IFF APX 2	
CB INST Panel lights	
CB INST SEC lights	
CB Ignition system	
CB Intercom CPLT	
CB Intercom PLT	
CB Inverter CTRL CB	
CB KY-20 voice security	

CB LF Nav. (ARN-83)	
CB LH fuel boost pump	
CB Landing & Search light cpntrol	
CB Landing light power	
CB Main inverter PWR	
CB Marker beacon	
CB Navigation lights	
CB Pitot tube	
CB Prox. warn.	
CB RH fuel boost pump	
CB RPM Warning system	
CB Rescue hoist CTL	
CB Rescue hoist PWR	
CB Rescue hoist cable cutter	
CB STBY Generator Field	
CB Search light power	
CB Spare inverter PWR	
CB Starter Relay	
CB TEMP indicator	
CB Turn & Slip indicator	
CB UHF Radio	
CB VHF AM Radio	
CB VHF Nav. (ARN-82)	
CB Voltmeter Non Ess Bus	
CB Wind wiper CPLT	
CB Wind wiper PLT	
Flexible Sight	
Flexible Sight Backup Lamp	"O - RCtrl - RAlt"
Flexible Sight Down	"."
Flexible Sight Intensity Decrease	"O - RAlt"
Flexible Sight Intensity Increase	"O - RCtrl"
Flexible Sight Lamp Off	"O - RCtrl - RShift"
Flexible Sight Left	","
Flexible Sight Main Lamp	"O"
Flexible Sight On/Off	"M"
Flexible Sight Right	"/"
Flexible Sight Up	";"
Flight Controls - anti-torque pedals	
Left pedal	"Z"
Right pedal	"X"
Flight Controls - Collective	
Collective down	"Num-"
Collective up	"Num+"
Decrease Turbine RPM	"PageDown - RCtrl"

Increase Turbine RPM	"PageUp - RCtrl"
Landing light Extend	"/ - RCtrl"
Landing light On/Off	", - RCtrl"
Landing light Retract	"/ - RWin"
Landing light Stop	"/ - RAlt"
Search light Extend	"8"
Search light Left	"9"
Search light Off	"; - RAlt"
Search light On	"; - RCtrl"
Search light Retract	"7"
Search light Right	"0"
Search light Stow	"; - RWin"
Start-up engine	"Home"
Throttle Down	"PageDown"
Throttle Up	"PageUp"
Flight Controls - Cyclic	
Co-pilot's radio trigger ICS	"Space - LShift"
Co-pilot's radio trigger RADIO	"Space - LCtrl"
Copilot Trimmer	"T - RShift"
Copilot weapon release	"Space - RAlt"
Cyclic bank left	"Left"
Cyclic bank right	"Right"
Cyclic nose down	"Up"
Cyclic nose up	"Down"
Pilot Trimmer	"T"
Pilot weapon release/Machine gun fire	"Space"
Pilot's radio trigger ICS	"Space - RShift"
Pilot's radio trigger RADIO	"Space - RCtrl"
Trimmer reset	"T - LCtrl"
Front Dash	
Altimeter Copilot, Pressure Decrease	"B - LCtrl"
Altimeter Copilot, Pressure Increase	"B - LShift"
Altimeter Pilot, Pressure Decrease	"B - RCtrl"
Altimeter Pilot, Pressure Increase	"B - RShift"
Attitude Indicator pilot, Pitch Decrease	"N - LCtrl"
Attitude Indicator pilot, Pitch Increase	"N - LShift"
Attitude Indicator pilot, Roll Decrease	"M - LCtrl"
Attitude Indicator pilot, Roll Increase	"M - LShift"
Clock Winding/Adjust	"Q - RShift"
Clock Winding/Adjust Decrease	"Q - RCtrl"
Clock Winding/Adjust Increase	"Q - RAlt"
Copilot Gyro Cage	"G - RShift"
Copilot Gyro, Pitch Decrease	"F - RCtrl"
Copilot Gyro, Pitch Increase	"F - RShift"

General	
Active Pause	"Pause - RShift"
Clickable mouse cockpit mode On/Off	"C - LAlt"
Debriefing window	"' - RShift"
End mission	"Esc"
Frame rate counter - Service info	"Pause - RCtrl"
Get New Plane - respawn	"Tab - RCtrl - RShift"
Info bar coordinate units toggle	"Y - LAlt"
Info bar toggle	"Y - LCtrl"
Jump into other aircraft	"J - RAlt"
Multiplayer chat - mode All	"Tab"
Multiplayer chat - mode Allies	"Tab - RCtrl"
Pause	"Pause"
Rearming and Refueling Window	"' - LAlt"
Score window	"""
Screenshot	"SysRQ"
Show Pilot Body	"P - RShift"
Show controls indicator	"Enter - RCtrl"
Time accelerate	"Z - LCtrl"
Time decelerate	"Z - LAlt"
Time normal	"Z - LShift"
Toggle Console	"`"
Intercom Control Panel	
Intercom Mode 1	"R - RCtrl - RShift"
Intercom Mode 2	"T - RCtrl - RShift"
Intercom Mode 3	"Y - RCtrl - RShift"
Intercom Mode 4	"U - RCtrl - RShift"
Intercom Mode INT	"W - RCtrl - RShift"
Intercom Mode PVT	"E - RCtrl - RShift"
Intercom Mode Selector(rotary)	"Q - RCtrl - RShift"
Intercom Receiver #1	"1 - RCtrl - RShift"
Intercom Receiver #2	"2 - RCtrl - RShift"
Intercom Receiver #3	"3 - RCtrl - RShift"
Intercom Receiver #4	"4 - RCtrl - RShift"
Intercom Receiver INT	"5 - RCtrl - RShift"
Intercom Receiver NAV	"6 - RCtrl - RShift"
Intercom Volume Decrease	"- - RCtrl - RShift"
Intercom Volume Increase	"= - RCtrl - RShift"
Kneeboard	
Kneeboard Next Page	"]"
Kneeboard ON/OFF	"K - RShift"
Kneeboard Previous Page	"["
Kneeboard current position mark point	"K - RCtrl"
Kneeboard glance view	"K"

Labels	
Aircraft Labels	"F2 - LShift"
All Labels	"F10 - LShift"
Missile Labels	"F6 - LShift"
Vehicle & Ship Labels	"F9 - LShift"
Main Panel	
Fire Detector Test	"T - RCtrl"
Fuel Indicator Test	"P - LShift - LCtrl - LAlt"
Night Vision Goggles	
Night Vision Goggles	"H - RShift"
Night Vision Goggles Gain Down	"H - RShift - RAlt"
Night Vision Goggles Gain Up	"H - RShift - RCtrl"
Overhead Panel	
Anti Collision Light On/Off	"L - RShift"
Battery ON/OFF	"P - LShift"
Inverter MAIN ON	"U - LShift"
Inverter OFF	"I - LShift"
Inverter SPARE ON	"O - LShift"
Inverter switch	"Y - LShift"
Main generator ON/OFF	"Q - LShift"
Main generator RESET	"A - LShift"
Main generator cover	"L - LShift"
Nav Lights Dim/Bright	"L - RAlt"
Nav Lights Flash	"L - RCtrl - RWin"
Nav Lights Off	"L - RCtrl"
Nav Lights Steady	"L - RAlt - RWin"
Non-Ess Bus NORMAL ON/MANUAL ON	"C - LShift"
Pilot/Both/Operator Down	"S"
Pilot/Both/Operator Up	"W"
Pitot Heater	"P - RAlt"
Starter-Generator STARTER/STBY GEN	"X - LShift"
Voltmeter AC switch	"W - LShift"
Voltmeter AC, AB phase	"E - LShift"
Voltmeter AC, AC phase	"R - LShift"
Voltmeter AC, BC phase	"T - LShift"
Voltmeter DC switch	"S - LShift"
Voltmeter DC, BAT	"D - LShift"
Voltmeter DC, ESS BUS	"H - LShift"
Voltmeter DC, MAIN GEN	"F - LShift"
Voltmeter DC, NON-ESS BUS	"J - LShift"
Voltmeter DC, STBY GEN	"G - LShift"
Windshield Mode Decrease	", - RAlt"
Windshield Mode Increase	". - RAlt"
Radio (UHF Control Panel)	

UHF Preset Channel Decrease	"A - LCtrl - LShift"
UHF Preset Channel Increase	"S - LCtrl - LShift"
UHF Radio 10Mhz Decrease	"W - LCtrl - LShift"
UHF Radio 10Mhz Increase	"E - LCtrl - LShift"
UHF Radio 1Mhz Decrease	"R - LCtrl - LShift"
UHF Radio 1Mhz Increase	"T - LCtrl - LShift"
UHF Radio 50Khz Decrease	"Y - LCtrl - LShift"
UHF Radio 50Khz Increase	"U - LCtrl - LShift"
UHF Radio Freq. Mode GD XMIT	"8 - LCtrl - LShift"
UHF Radio Freq. Mode MAN	"7 - LCtrl - LShift"
UHF Radio Freq. Mode PRESET	"6 - LCtrl - LShift"
UHF Radio Freq. Mode Select(rotary)	"5 - LCtrl - LShift"
UHF Radio Mode ADF	"4 - LCtrl - LShift"
UHF Radio Mode OFF	"1 - LCtrl - LShift"
UHF Radio Mode Select(rotary)	"` - LCtrl - LShift"
UHF Radio Mode T/R	"2 - LCtrl - LShift"
UHF Radio Mode T/R+G	"3 - LCtrl - LShift"
UHF Radio Squelch On/Off	"Q - LCtrl - LShift"
UHF Radio Volume Decrease	"; - LCtrl - LShift"
UHF Radio Volume Increase	"' - LCtrl - LShift"
Radio (VHF AM Control Panel)	
VHF AM Radio Freq. MHz Decrease	"O - LCtrl - LShift"
VHF AM Radio Freq. MHz Increase	"P - LCtrl - LShift"
VHF AM Radio Freq. kHz Decrease	"[- LCtrl - LShift"
VHF AM Radio Freq. kHz Increase	"] - LCtrl - LShift"
VHF AM Radio Power ON/OFF	"9 - LCtrl - LShift"
VHF AM Radio Test	"I - LCtrl - LShift"
VHF AM Radio Volume Decrease	"- - LCtrl - LShift"
VHF AM Radio Volume Increase	"= - LCtrl - LShift"
Radio (VHF FM Control Panel)	
VHF FM Radio 100kHz Decrease	"T - RCtrl - RAlt"
VHF FM Radio 100kHz Increase	"Y - RCtrl - RAlt"
VHF FM Radio 10MHz Decrease	"Q - RCtrl - RAlt"
VHF FM Radio 10MHz Increase	"W - RCtrl - RAlt"
VHF FM Radio 1MHz Decrease	"E - RCtrl - RAlt"
VHF FM Radio 1MHz Increase	"R - RCtrl - RAlt"
VHF FM Radio 50kHz Decrease	"U - RCtrl - RAlt"
VHF FM Radio 50kHz Increase	"I - RCtrl - RAlt"
VHF FM Radio Mode HOME	"4 - RCtrl - RAlt"
VHF FM Radio Mode OFF	"1 - RCtrl - RAlt"
VHF FM Radio Mode RETRAIN	"3 - RCtrl - RAlt"
VHF FM Radio Mode Select (rotary)	"` - RCtrl - RAlt"
VHF FM Radio Mode TR	"2 - RCtrl - RAlt"
VHF FM Radio Squelch CARR	"7 - RCtrl - RAlt"

VHF FM Radio Squelch DIS	"6 - RCtrl - RAlt"
VHF FM Radio Squelch Select (rotary)	"5 - RCtrl - RAlt"
VHF FM Radio Squelch TONE	"8 - RCtrl - RAlt"
VHF FM Radio Volume Decrease	"- - RCtrl - RAlt"
VHF FM Radio Volume Increase	"= - RCtrl - RAlt"
Radio (special commands)	
Attack my target	"Q - LWin"
Communication menu	"\"
Cover me	"W - LWin"
Flight - Attack air defenses	"D - LWin"
Flight - Attack ground targets	"G - LWin"
Flight - Complete mission and RTB	"E - LWin"
Join up formation	"Y - LWin"
Switch dialog	"\ - LShift"
Toggle formation	"T - LWin"
Systems	
Chip detector (rotary)	"V - LAlt"
Chip detector BOTH	"G - LAlt"
Chip detector TAIL ROTOR	"B - LAlt"
Chip detector XMSN	"T - LAlt"
Cockpit door open/close	"C - RCtrl"
Course Indicator OBS Decrease	". - LCtrl"
Course Indicator OBS Increase	", - LCtrl"
Force Trim System On/Off	"U - LAlt"
GMC Manual Heading Decrease	". - LCtrl - LShift"
GMC Manual Heading Increase	", - LCtrl - LShift"
GMC Operating Mode Slave/Gyro	"G - LCtrl - LAlt"
GMC Pointer #1 ADF/VOR	"G - LCtrl"
GMC Synchronizing +	", - LCtrl - LAlt"
GMC Synchronizing o	". - LCtrl - LAlt"
Hydraulic control On/Off	"I - LAlt"
Leave Helicopter (3 times)	"E - LCtrl"
Marker Beacon Sensitivity High/Low	"V - LShift"
Marker Beacon Volume Decrease	". - LShift"
Marker Beacon Volume Increase	". - LShift"
Views (general)	
Center View	"Num5"
F1 Cockpit view	"F1"
F1 HUD only view switch	"F1 - LAlt"
F1 Natural head movement view	"F1 - LCtrl"
F10 Jump to theater map view over current point	"F10 - LCtrl"
F10 Theater map view	"F10"
F11 Airport free camera	"F11"

F11 Jump to free camera	"F11 - LCtrl"
F11 camera moving backward	"Num/ - LAlt"
F11 camera moving forward	"Num* - LAlt"
F12 Civil traffic view	"F12 - LCtrl"
F12 Static object view	"F12"
F12 Trains/cars toggle	"F12 - LShift"
F2 Aircraft view	"F2"
F2 Toggle camera position	"F2 - RAlt"
F2 Toggle local camera control	"F2 - LAlt"
F2 View own aircraft	"F2 - LCtrl"
F3 Fly-By jump view	"F3 - LCtrl"
F3 Fly-By view	"F3"
F4 Arcade Chase view	"F4 - LShift"
F4 Chase view	"F4 - LCtrl"
F4 Look back view	"F4"
F5 Ground hostile view	"F5 - LCtrl"
F5 nearest AC view	"F5"
F6 Released weapon view	"F6"
F6 Weapon to target view	"F6 - LCtrl"
F7 Ground unit view	"F7"
F8 Player targets/All targets filter	"F8 - RAlt"
F8 Target view	"F8"
F9 Landing signal officer view	"F9 - LAlt"
F9 Ship view	"F9"
Object exclude	"Delete - LAlt"
Objects all excluded - include	"Insert - LAlt"
Objects switching direction forward	"PageDown - LCtrl"
Objects switching direction reverse	"PageUp - LCtrl"
View Down Left slow	"Num1"
View Down Right slow	"Num3"
View Down slow	"Num2"
View Left slow	"Num4"
View Right slow	"Num6"
View Up Left slow	"Num7"
View Up Right slow	"Num9"
View Up slow	"Num8"
Zoom external in	"Num* - RCtrl"
Zoom external normal	"NumEnter - RCtrl"
Zoom external out	"Num/ - RCtrl"
Zoom in slow	"Num*"
Zoom normal	"NumEnter"
Zoom out slow	"Num/"
Views (cockpit)	
Camera transpose mode on/off	

Camera view down	"Num2 - RCtrl"
Camera view down slow	"Num2 - RAlt"
Camera view down-left	"Num1 - RCtrl"
Camera view down-left slow	"Num1 - RAlt"
Camera view down-right	"Num3 - RCtrl"
Camera view down-right slow	"Num3 - RAlt"
Camera view left	"Num4 - RCtrl"
Camera view left slow	"Num4 - RAlt"
Camera view right	"Num6 - RCtrl"
Camera view right slow	"Num6 - RAlt"
Camera view up	"Num8 - RCtrl"
Camera view up slow	"Num8 - RAlt"
Camera view up-left	"Num7 - RCtrl"
Camera view up-left slow	"Num7 - RAlt"
Camera view up-right	"Num9 - RCtrl"
Camera view up-right slow	"Num9 - RAlt"
Center camera view	"Num5 - RShift"
Cockpit Camera Move Back	"Num/ - RCtrl - RShift"
Cockpit Camera Move Center	"Num5 - RCtrl - RShift"
Cockpit Camera Move Down	"Num2 - RCtrl - RShift"
Cockpit Camera Move Forward	"Num* - RCtrl - RShift"
Cockpit Camera Move Left	"Num4 - RCtrl - RShift"
Cockpit Camera Move Right	"Num6 - RCtrl - RShift"
Cockpit Camera Move Up	"Num8 - RCtrl - RShift"
Cockpit panel view in	"Num0"
Cockpit panel view toggle	"Num0 - RCtrl"
Fast cockpit keyboard	"] - LShift"
Fast cockpit mouse	"[- LShift"
Head shift movement on / off	"F1 - LWin"
Normal cockpit keyboard speed	"] - LAlt"
Normal cockpit mouse speed	"[- LAlt"
Return camera	"Num5 - RCtrl"
Return camera base	"Num5 - RAlt"
Save Cockpit Angles	"Num0 - RAlt"
Set Left Gunner Seat	"4"
Set Operator Seat	"2"
Set Pilot Seat	"1"
Set Right Gunner Seat	"3"
Slow cockpit keyboard	"] - LCtrl"
Slow cockpit mouse	"[- LCtrl"
Snap View 0	"Num0 - LWin"
Snap View 1	"Num1 - LWin"
Snap View 2	"Num2 - LWin"
Snap View 3	"Num3 - LWin"

Snap View 4	"Num4 - LWin"
Snap View 5	"Num5 - LWin"
Snap View 6	"Num6 - LWin"
Snap View 7	"Num7 - LWin"
Snap View 8	"Num8 - LWin"
Snap View 9	"Num9 - LWin"
View down	"Num2 - RShift"
View down left	"Num1 - RShift"
View down right	"Num3 - RShift"
View left	"Num4 - RShift"
View right	"Num6 - RShift"
View up	"Num8 - RShift"
View up left	"Num7 - RShift"
View up right	"Num9 - RShift"
Zoom in	"Num* - RShift"
Zoom out	"Num/ - RShift"
Views (special)	
Camera jiggle toggle	"K - LShift"
Keep terrain camera altitude	"K - LAlt"
Toggle tracking fire weapon	"Num+ - RCtrl"
View all mode	"A - RCtrl - RShift - RAlt"
View enemies mode	"D - RCtrl - RShift - RAlt"
View friends mode	"F - RCtrl - RShift - RAlt"
Views (padlock)	
All missiles padlock	"Num. - RShift"
Lock terrain view	"Num. - RCtrl"
Lock view (cycle padlock)	"Num."
Threat missile padlock	"Num. - RAlt"
Unlock view (stop padlock)	"NumLock"
VOR/ILS Control Panel	
VOR/ILS Freq. MHz Decrease	"O - LShift - LAlt"
VOR/ILS Freq. MHz Increase	"P - LShift - LAlt"
VOR/ILS Freq. kHz Decrease	"[- LShift - LAlt"
VOR/ILS Freq. kHz Increase	"] - LShift - LAlt"
VOR/ILS Mode Select (totary)	"` - LShift - LAlt"
VOR/ILS Power OFF	"1 - LShift - LAlt"
VOR/ILS Power PWR	"2 - LShift - LAlt"
VOR/ILS Power TEST	"3 - LShift - LAlt"
VOR/ILS Volume Decrease	"- - LShift - LAlt"
VOR/ILS Volume Increase	"= - LShift - LAlt"