

KEY	MOD1	MOD2	NAME	CATEGORY
2			LAAP Path Hold	LASTE Control Panel
3			LAAP Altitude/Heading Hold	LASTE Control Panel
4			LAAP Altitude/Bank Hold	LASTE Control Panel
-			HOTAS CMS Z Axis	HOTAS
]	LShift		Fast keyboard turn speed	View
]	LCtrl		Slow keyboard turn speed	View
]	LAlt		Normal keyboard turn speed	View
[	LShift		Fast mouse turn speed	View
[	LCtrl		Slow mouse turn speed	View
[	LAlt		Normal mouse turn speed	View
,			HOTAS Slew Left	HOTAS
,	RCtrl		Trim: Left Wing Down	HOTAS
.			HOTAS Slew Down	HOTAS
.	RCtrl		Trim: Nose Up	HOTAS
/			HOTAS Slew Right	HOTAS
/	RCtrl		Trim: Right Wing Down	HOTAS
;			HOTAS Slew	HOTAS
;	RCtrl		Trim: Nose Down	HOTAS
\			Communication menu	Communications
\	LShift		Switch dialog	Communications
`			Toggle Console	General
`			Score window	General
0			HOTAS CMS Right	HOTAS
7			HOTAS CMS Forward	HOTAS
8			HOTAS CMS Aft	HOTAS
9			HOTAS CMS Left	HOTAS
A			LAAP Engage/Disengage	LASTE Control Panel
B	LCtrl		HOTAS Speed Brake Switch Aft	HOTAS
B	LShift		HOTAS Speed Brake Switch Forward	HOTAS
C	LAlt		Clickable mouse cockpit mode On/Off	General
C			HOTAS China Hat Aft	HOTAS
C	LCtrl		Canopy Open/Close	Systems
C	RWin		Start/Stop/Reset Flight Clock	Systems
D	LWin		Attack Air Defenses	Communications
Delete			HOTAS DMS Left	HOTAS
Delete	RCtrl		View all mode	View Extended
Delete	LAlt		Object exclude	View Extended
Down			Fly: Nose Up	Flight Control
Down	LCtrl		HOTAS TMS Aft	HOTAS

Down	RAlt		HOTAS Boat Switch Center	HOTAS
E	LWin		Dispatch wingmans - complete mission and RTB	Communications
E	LAIt		Emergency Disconnect Lever	HOTAS
E	LCtrl		Eject	Systems
End			HOTAS DMS Aft	HOTAS
End	RWin		Engines Stop	Systems
End	RAIt		Engine Stop Left	Systems
End	RCtrl		Engine Stop Right	Systems
End	RCtrl	RShift	View enemies mode	View Extended
Enter	RCtrl		Show controls indicator	General
Esc			End mission	General
F			Flaps Down	Systems
F	LShift		Flaps	Systems
F1			F Cockpit view	View
F1	LCtrl		F Natural head movement view	View
F1	LAIt		F HUD only view switch	View
F1	LWin		F Head shift movement on / off	View
F10	LShift		All Labels	Labels
F10			F Theater map view	View
F10	LCtrl		F Jump to theater map view over current point	View
F11			F Airport free camera	View
F11	LCtrl		F Jump to free camera	View
F12			F Static object view	View
F12	LCtrl		F Civil traffic view	View
F12	LShift		F Trains/cars toggle	View
F2	LShift		Aircraft Labels	Labels
F2			F Aircraft view	View
F2	LCtrl		F View own aircraft	View
F2	RAIt		F Toggle camera position	View
F2	LAIt		F Toggle local camera control	View
F3			F Fly-By view	View
F3	LCtrl		F Fly-By jump view	View
F4			F Arcade View	View
F4	LShift		F Look back view	View
F4	LCtrl		F Chase view	View
F5			F nearest AC view	View
F5	LCtrl		F Ground hostile view	View
F6	LShift		Missile Labels	Labels
F6			F Released weapon view	View
F6	LCtrl		F Weapon to target view	View

F7			F Ground unit view	View
F7	LCtrl		F Ground JFO/JTAC view	View
F9	LShift		Vehicle & Ship Labels	Labels
F9			F Ship view	View
F9	LAlt		F Landing signal officer view	View
G	LWin		Attack Ground Targets	Communications
G			Landing Gear /Down	Landing gear panel
G	LCtrl		Landing Gear	Landing gear panel
G	LShift		Landing Gear Down	Landing gear panel
G	RAlt		Emergency gear	Landing gear panel
H			HOTAS Coolie Switch Left	HOTAS
H	RShift		Toggle goggles	Sensors
H	Rshift	RCtrl	Gain goggles	Sensors
H	RShift	RAlt	Gain goggles down	Sensors
H	RCtrl		HUD Color	Systems
Home			HOTAS DMS Forward	HOTAS
Home	RWin		Engines Start	Systems
Home	RAlt		Engine Start Left	Systems
Home	RCtrl		Engine Start Right	Systems
Home	RCtrl	RShift	View friends mode	View Extended
I	LWin		Ask AWACS available tanker	Communications
Insert			HOTAS Nosewheel Steering Button	HOTAS
Insert	LAlt		Objects all excluded - include	View Extended
J			HOTAS Coolie Switch Down	HOTAS
J	LShift		Camera jiggle toggle	View Extended
K			HOTAS Coolie Switch Right	HOTAS
K	LAlt		Keep terrain camera altitude	View Extended
key			Fly: Nose Down	Flight Control
key			HOTAS TMS Forward	HOTAS
L	LShift		Signal lights lamp test	Auxiliary lighting control panel
L			Cockpit Illumination	Systems
L	RAlt		Gear Light Near/Far/Off	Systems
L	RCtrl		Navigation lights	Systems
Left			Fly: Left Wing Down	Flight Control
Left	LCtrl		HOTAS TMS Left	HOTAS
Left	RAlt		HOTAS Boat Switch Aft	HOTAS
M	RCtrl		Multiplayer chat - mode All	General
M	RAlt		Multiplayer chat - mode Allies	General
M			HOTAS Master Mode Control Button	HOTAS
M	RWin		Right Mirror On	View Cockpit

N	RWin		Left Mirror On	View Cockpit
Num-			Throttle Both Down	Flight Control
Num-	RAlt		Throttle Left Down	Flight Control
Num-	RCtrl		Throttle Right Down	Flight Control
Num-	LAlt		HOTAS MIC Switch Down	HOTAS
Num-	LShift		HOTAS MIC Switch Aft	HOTAS
Num*			Zoom in slow	View
Num*	RCtrl		Zoom external in	View
Num*	LAlt		F camera moving forward	View
Num*	RShift		Zoom in	View Cockpit
Num*	RCtrl	RShift	Cockpit Camera Move Forward	View Cockpit
Num.	RShift		All missiles padlock	View Padlock
Num.	RAlt		Threat missile padlock	View Padlock
Num.			Lock view (cycle padlock)	View Padlock
Num.	RCtrl		Lock terrain view	View Padlock
Num/			Zoom out slow	View
Num/	RCtrl		Zoom external out	View
Num/	LAlt		F camera moving backward	View
Num/	RShift		Zoom out	View Cockpit
Num/	RCtrl	RShift	Cockpit Camera Move Back	View Cockpit
Num+			Throttle Both Up	Flight Control
Num+	RAlt		Throttle Left Up	Flight Control
Num+	RCtrl		Throttle Right Up	Flight Control
Num+	LShift		HOTAS MIC Switch	HOTAS
Num+	LAlt		HOTAS MIC Switch Forward	HOTAS
Num+	RShift		Toggle tracking fire weapon	View Extended
Num0			Cockpit panel view in	View Cockpit
Num0	RCtrl		Cockpit panel view toggle	View Cockpit
Num0	RAlt		Save Cockpit Angles	View Cockpit
Num0	LWin		Snap View	View Cockpit
Num1			View Down Left slow	View
Num1	RShift		View down left	View Cockpit
Num1	RCtrl		Camera view down-left	View Cockpit
Num1	RAlt		Camera view down-left slow	View Cockpit
Num1	LWin		Snap View	View Cockpit
Num2			View Down slow	View
Num2	RShift		View down	View Cockpit
Num2	RCtrl		Camera view down	View Cockpit
Num2	RAlt		Camera view down slow	View Cockpit
Num2	LWin		Snap View	View Cockpit

Num2	RCtrl	RShift	Cockpit Camera Move Down	View Cockpit
Num3			View Down Right slow	View
Num3	RShift		View down right	View Cockpit
Num3	RCtrl		Camera view down-right	View Cockpit
Num3	RAlt		Camera view down-right slow	View Cockpit
Num3	LWin		Snap View	View Cockpit
Num4			View Left slow	View
Num4	RShift		View left	View Cockpit
Num4	RCtrl		Camera view left	View Cockpit
Num4	RAlt		Camera view left slow	View Cockpit
Num4	LWin		Snap View	View Cockpit
Num4	RCtrl	RShift	Cockpit Camera Move Left	View Cockpit
Num5			View Center	View
Num5	RShift		Center camera view	View Cockpit
Num5	RCtrl		Return camera	View Cockpit
Num5	RAlt		Return camera base	View Cockpit
Num5	LWin		Snap View	View Cockpit
Num5	RCtrl	RShift	Cockpit Camera Move Center	View Cockpit
Num6			View Right slow	View
Num6	RShift		View right	View Cockpit
Num6	RCtrl		Camera view right	View Cockpit
Num6	RAlt		Camera view right slow	View Cockpit
Num6	LWin		Snap View	View Cockpit
Num6	RCtrl	RShift	Cockpit Camera Move Right	View Cockpit
Num7			View Left slow	View
Num7	RShift		View left	View Cockpit
Num7	RCtrl		Camera view -left	View Cockpit
Num7	RAlt		Camera view -left slow	View Cockpit
Num7	LWin		Snap View	View Cockpit
Num8			View slow	View
Num8	RShift		View	View Cockpit
Num8	RCtrl		Camera view	View Cockpit
Num8	RAlt		Camera view slow	View Cockpit
Num8	LWin		Snap View	View Cockpit
Num8	RCtrl	RShift	Cockpit Camera Move Up	View Cockpit
Num9			View Right slow	View
Num9	RShift		View right	View Cockpit
Num9	RCtrl		Camera view -right	View Cockpit
Num9	RAlt		Camera view -right slow	View Cockpit
Num9	LWin		Snap View	View Cockpit

NumEnter			Zoom normal	View
NumEnter	RCtrl		Zoom external normal	View
NumLock			Unlock view (stop padlock)	View Padlock
P			Gun Trigger (first stage)	HOTAS
P	LCtrl		HOTAS Pinky Switch Aft	HOTAS
P	LAIt		HOTAS Pinky Switch Forward	HOTAS
P	LShift		HOTAS Pinky Switch Center	HOTAS
PageDown	RAIt		Throttle Left Down Step	Flight Control
PageDown	RCtrl		Throttle Right Down Step	Flight Control
PageDown			HOTAS DMS Right	HOTAS
PageDown	LCtrl		Objects switching direction forward	View Extended
PageUp	RAIt		Throttle Left Up Step	Flight Control
PageUp	RCtrl		Throttle Right Up Step	Flight Control
PageUp	LCtrl		Objects switching direction reverse	View Extended
Pause	LShift	LWin	Active Pause	Cheat
Pause			Pause	General
Pause	RShift		One frame mode	General
Pause	RCtrl		Frame rate counter - Service info	General
Q	LWin		Attack my target	Communications
Q			HOTAS Left Throttle Button	HOTAS
R	LWin		Dispatch wingmans - complete mission and rejoin	Communications
R	RWin		Reload Cockpit	Debug
R			Refuel Start	Systems
R	LCtrl		Refueling Boom	Systems
Right			Fly: Right Wing Down	Flight Control
Right	LCtrl		HOTAS TMS Right	HOTAS
Right	RAIt		HOTAS Boat Switch Forward	HOTAS
Space	RAIt		Weapon release	HOTAS
Space			Gun Trigger	HOTAS
SysRQ			Screenshot	General
T	LWin		Toggle formation	Communications
T	LCtrl		Trim: Reset	HOTAS
T	LShift		Smoke	Systems
Tab			Multiplayer chat - mode All	General
Tab	RCtrl		Multiplayer chat - mode Allies	General
Tab	RCtrl	RShift	Get new plane - respawn	General
Tab	LShift		Playback track cancel	General
U	LWin		Ask AWACS home airbase	Communications
U			HOTAS Coolie Switch	HOTAS
V			HOTAS China Hat Forward	HOTAS

W	LWin	Cover me	Communications
W		Wheel Brake On/Off	Systems
W	LShift	Wheel Brake Left On/Off	Systems
W	LAlt	Wheel Brake Right On/Off	Systems
W	RWin	Emergency Wheel Brake	Systems
W	LCtrl	Jettison Weapons	Systems
X		Fly: Rudder Right	Flight Control
X	RCtrl	Yaw Trim Right	Stability Augmentation System
Y	LWin	Join formation	Communications
Y	LCtrl	Info bar view toggle	General
Y	LShift	Info bar view toggle	General
Y	LAlt	Coordinates units change	General
Z		Fly: Rudder Left	Flight Control
Z	LCtrl	Time accelerate	General
Z	LAlt	Time decelerate	General
Z	LShift	Time normal	General
Z	RCtrl	Yaw Trim Left	Stability Augmentation System
		AAP CDU Power Switch	AAP
		AAP EGI Power Switch	AAP
		AAP Page Select OTHER	AAP
		AAP Page Select POSITION	AAP
		AAP Page Select STEER	AAP
		AAP Page Select WAYPT	AAP
		AAP Steer Point FLT PLAN	AAP
		AAP Steer Point MARK	AAP
		AAP Steer Point MISSION	AAP
		AAP STEER Switch	AAP
		AAP STEER Switch Down	AAP
		Master switch ARM	Armament HUD Control Panel
		Master switch SAFE	Armament HUD Control Panel
		Master switch TRAIN	Armament HUD Control Panel
		GUN/PAC switch ARM	Armament HUD Control Panel
		GUN/PAC switch SAFE	Armament HUD Control Panel
		GUN/PAC switch GUNARM	Armament HUD Control Panel
		LASER switch ARM	Armament HUD Control Panel
		LASER switch SAFE	Armament HUD Control Panel
		LASER switch TRAIN	Armament HUD Control Panel
		TGP switch ON/OFF	Armament HUD Control Panel
		ALT SCE switch BARO	Armament HUD Control Panel
		ALT SCE switch DELTA	Armament HUD Control Panel

		ALT SCE switch RADAR	Armament HUD Control Panel
		HUD Mode switch Day/Night	Armament HUD Control Panel
		HUD Mode switch NORM/STBY	Armament HUD Control Panel
		CICU switch ON/OFF	Armament HUD Control Panel
		JTRS switch ON/OFF	Armament HUD Control Panel
		IFFCC switch ON	Armament HUD Control Panel
		IFFCC switch TEST	Armament HUD Control Panel
		IFFCC switch OFF	Armament HUD Control Panel
		Refuel status indexer LTS Decrease	Auxiliary lighting control panel
		Refuel status indexer LTS Increase	Auxiliary lighting control panel
		NVIS LTS TCP	Auxiliary lighting control panel
		NVIS LTS ALL	Auxiliary lighting control panel
		NVIS LTS OFF	Auxiliary lighting control panel
		HARS/SAS OVERRIDE/NORM	Auxiliary lighting control panel
		Fire detect bleed air leak test	Auxiliary lighting control panel
		CDU LSK L	CDU panel
		CDU LSK L	CDU panel
		CDU LSK L	CDU panel
		CDU LSK L	CDU panel
		CDU LSK R	CDU panel
		CDU LSK R	CDU panel
		CDU LSK R	CDU panel
		CDU LSK R	CDU panel
		CDU LSK R	CDU panel
		CDU SYS Key	CDU panel
		CDU NAV Key	CDU panel
		CDU WP Key	CDU panel
		CDU OSET Key	CDU panel
		CDU FPM Key	CDU panel
		CDU PREV Key	CDU panel
		CDU DIM Rocker switch	CDU panel
		CDU BRT Rocker switch	CDU panel
		CDU Key	CDU panel
		CDU Key	CDU panel
		CDU Key	CDU panel
		CDU Key	CDU panel
		CDU Key	CDU panel
		CDU Key	CDU panel
		CDU Key	CDU panel
		CDU Key	CDU panel
		CDU Key	CDU panel

		CDU Key	CDU panel
		CDU Point Key	CDU panel
		CDU Slash Key	CDU panel
		CDU A Key	CDU panel
		CDU B Key	CDU panel
		CDU C Key	CDU panel
		CDU D Key	CDU panel
		CDU E Key	CDU panel
		CDU F Key	CDU panel
		CDU G Key	CDU panel
		CDU H Key	CDU panel
		CDU I Key	CDU panel
		CDU J Key	CDU panel
		CDU K Key	CDU panel
		CDU L Key	CDU panel
		CDU M Key	CDU panel
		CDU N Key	CDU panel
		CDU O Key	CDU panel
		CDU P Key	CDU panel
		CDU Q Key	CDU panel
		CDU R Key	CDU panel
		CDU S Key	CDU panel
		CDU T Key	CDU panel
		CDU U Key	CDU panel
		CDU V Key	CDU panel
		CDU W Key	CDU panel
		CDU X Key	CDU panel
		CDU Y Key	CDU panel
		CDU Z Key	CDU panel
		CDU PLUS Key	CDU panel
		CDU MINUS Key	CDU panel
		CDU PG Key	CDU panel
		CDU PG DN Key	CDU panel
		CDU Search back Key	CDU panel
		CDU Search forward Key	CDU panel
		CDU MK Key	CDU panel
		CDU BCK Key	CDU panel
		CDU SPC Key	CDU panel
		CDU CLR Key	CDU panel
		CDU FA Key	CDU panel

		Aileron diconnect Left	Circuit breaker panel
		Aileron diconnect Right	Circuit breaker panel
		SPS & Rudder AUTH Limit	Circuit breaker panel
		Elevator diconnect Left	Circuit breaker panel
		Elevator diconnect Right	Circuit breaker panel
		Aileron TAB Left	Circuit breaker panel
		Aileron TAB Right	Circuit breaker panel
		Emer FLAP	Circuit breaker panel
		Emer TRIM	Circuit breaker panel
		Land GEAR	Circuit breaker panel
		Engine start Left	Circuit breaker panel
		Engine start Right	Circuit breaker panel
		APU CONT	Circuit breaker panel
		Engines ingnitor L/R-	Circuit breaker panel
		Engines ingnitor L/R-	Circuit breaker panel
		Emer fuel shutoff Left engine	Circuit breaker panel
		Emer fuel shutoff Rignt engine	Circuit breaker panel
		DC fuel pump	Circuit breaker panel
		Bleed air CONT Left	Circuit breaker panel
		Bleed air CONT Right	Circuit breaker panel
		Ext stores jettison	Circuit breaker panel
		Ext stores jettison	Circuit breaker panel
		Standby attitude indicator	Circuit breaker panel
		Master caution	Circuit breaker panel
		Pitot heat AC	Circuit breaker panel
		IFF	Circuit breaker panel
		UHF COM	Circuit breaker panel
		INTER COMM	Circuit breaker panel
		Generator CONT Left	Circuit breaker panel
		Generator CONT Right	Circuit breaker panel
		Converter L	Circuit breaker panel
		AUX ESS BUS A	Circuit breaker panel
		AUX ESS BUS B	Circuit breaker panel
		AUX ESS BUS C	Circuit breaker panel
		Battery bus transformer	Circuit breaker panel
		Inverter PWR	Circuit breaker panel
		Inverter CONT	Circuit breaker panel
		AUX ESS BUS TIE	Circuit breaker panel
		CMSC JMR Key	CMSC Panel
		CMSC MWS Key	CMSC Panel

		CMSC BRT Decrease	CMSC Panel
		CMSC BRT Increase	CMSC Panel
		CMSC AUD Decrease	CMSC Panel
		CMSC AUD Increase	CMSC Panel
		CMSC PRI Key	CMSC Panel
		CMSC SEP Key	CMSC Panel
		CMSC UNK Key	CMSC Panel
		CMSP OSB	CMSP Panel
		CMSP OSB	CMSP Panel
		CMSP OSB	CMSP Panel
		CMSP OSB	CMSP Panel
		CMSP Next rotary	CMSP Panel
		CMSP Next Down rotary	CMSP Panel
		CMSP RTN Key	CMSP Panel
		CMSP JTSN	CMSP Panel
		CMSP BRT Decrease	CMSP Panel
		CMSP BRT Increase	CMSP Panel
		CMSP MWS MENU	CMSP Panel
		CMSP MWS ON/OFF	CMSP Panel
		CMSP JMR MENU	CMSP Panel
		CMSP JMR ON/OFF	CMSP Panel
		CMSP RWR MENU	CMSP Panel
		CMSP RWR ON/OFF	CMSP Panel
		CMSP DISP MENU	CMSP Panel
		CMSP DISP ON/OFF	CMSP Panel
		CMSP MODE OFF	CMSP Panel
		CMSP MODE STBY	CMSP Panel
		CMSP MODE MAN	CMSP Panel
		CMSP MODE SEMI	CMSP Panel
		CMSP MODE AUTO	CMSP Panel
		APU generator power	Electrical power control panel
		Inverter STBY	Electrical power control panel
		Inverter OFF	Electrical power control panel
		Inverter TEST	Electrical power control panel
		Emergency flood	Electrical power control panel
		AC generator power left	Electrical power control panel
		AC generator power right	Electrical power control panel
		Battery power	Electrical power control panel
		Speed brake emer retract	Emergency flight control panel
		Pitch/Roll trim NORM/OVERRIDE	Emergency flight control panel

		Emer trim Nose DN	Emergency flight control panel
		Emer trim Left wing DN	Emergency flight control panel
		Emer trim Right wing DN	Emergency flight control panel
		Emer trim Nose	Emergency flight control panel
		Left aileron emer disengage	Emergency flight control panel
		Aileron emer disengage off	Emergency flight control panel
		Right aileron emer disengage	Emergency flight control panel
		Left elevator emer disengage	Emergency flight control panel
		Elevator emer disengage off	Emergency flight control panel
		Right elevator emer disengage	Emergency flight control panel
		Flaps emer retract	Emergency flight control panel
		Flight control NORM/MAN REVERSION	Emergency flight control panel
		Landing Gear Warning Silence	Engine Control Panel
		APU Start	Engine Control Panel
		APU Off	Engine Control Panel
		Left Engine Oper Ign / Norm	Engine Control Panel
		Left Engine Oper Motor	Engine Control Panel
		Left Engine Oper Norm	Engine Control Panel
		Right Engine Oper Ign / Norm	Engine Control Panel
		Right Engine Oper Motor	Engine Control Panel
		Right Engine Oper Norm	Engine Control Panel
		Left Engine Fuel Flow Norm/Override	Engine Control Panel
		Left Engine Fuel Flow Norm/Override	Engine Control Panel
		Right Engine Fuel Flow Norm/Override	Engine Control Panel
		Right Engine Fuel Flow Norm/Override	Engine Control Panel
		Throttle Friction Decrease	Engine Control Panel
		Throttle Friction Increase	Engine Control Panel
		Oxygen Emergency Lever Emergenvy	Environment System Panel
		Oxygen Emergency Lever Normal	Environment System Panel
		Oxygen Emergency Lever Test Mark	Environment System Panel
		Oxygen Sply Lever	Environment System Panel
		Oxygen Dilution Lever	Environment System Panel
		Oxygen Indicator Test	Environment System Panel
		Pitot Heater Switch	Environment System Panel
		Wind shield Defog/Deice Switch	Environment System Panel
		Wind shield Rain Removal Switch	Environment System Panel
		Wind shield Rain Removal Switch Center	Environment System Panel
		Wind shield Rain Removal Switch Wash	Environment System Panel
		Canopy Defog Decrease	Environment System Panel
		Canopy Defog Increase	Environment System Panel

		Bleed Air Switch	Environment System Panel
		Temperature/Pressure Control NORM	Environment System Panel
		Temperature/Pressure Control DUMP	Environment System Panel
		Temperature/Pressure Control RAM	Environment System Panel
		Flow Level Decrease	Environment System Panel
		Flow Level Increase	Environment System Panel
		Main Air Sply Switch	Environment System Panel
		Air Conditioner Control AUTO	Environment System Panel
		Air Conditioner Control HOT	Environment System Panel
		Air Conditioner Control COLD	Environment System Panel
		Left Engine T-Handle Fire Extinguisher	Fire Extinguishers System
		APU T-Handle Fire Extinguisher	Fire Extinguishers System
		Right Engine T-Handle Fire Extinguisher	Fire Extinguishers System
		Fire Extinguishing Agent Discharge Left	Fire Extinguishers System
		Fire Extinguishing Agent Discharge Off	Fire Extinguishers System
		Fire Extinguishing Agent Discharge Right	Fire Extinguishers System
		Stick to trimmer control mode	Flight Control
		External tanks wing valve	Fuel system control panel
		External tanks fuselage valve	Fuel system control panel
		Refueling signal amplifier	Fuel system control panel
		Air refuel line check	Fuel system control panel
		Tank gate valve	Fuel system control panel
		Fuel crossfeed valve	Fuel system control panel
		Left wing tank boost pump	Fuel system control panel
		Right wing tank boost pump	Fuel system control panel
		Left wing tank fill disable	Fuel system control panel
		Right wing tank fill disable	Fuel system control panel
		Left main tank boost pump	Fuel system control panel
		Right main tank boost pump	Fuel system control panel
		Left main tank fill disable	Fuel system control panel
		Right main tank fill disable	Fuel system control panel
		Air refuel control	Fuel system control panel
		Fuel quantity selector INT	Fuel system control panel
		Fuel quantity selector MAIN	Fuel system control panel
		Fuel quantity selector WING	Fuel system control panel
		Fuel quantity selector EXT WING	Fuel system control panel
		Fuel quantity selector EXT CTR	Fuel system control panel
		Fuel quantity indicator test	Fuel system control panel
		RCVR Lights Decrease	Fuel system control panel
		RCVR Lights Increase	Fuel system control panel

		HARS Mode Selector SLAVE/DG	HARS Control Panel
		HARS LAT Correction Decrease	HARS Control Panel
		HARS LAT Correction Increase	HARS Control Panel
		HARS Hemisphere Selector	HARS Control Panel
		HARS Magnetic Variation -	HARS Control Panel
		HARS Magnetic Variation	HARS Control Panel
		HARS Magnetic Variation +	HARS Control Panel
		HARS SYNC Button	HARS Control Panel
		HARS HDG Decrease	HARS Control Panel
		HARS HDG Increase	HARS Control Panel
		ILS Power Switch	ILS Control Panel
		ILS Freq. MHz Decrease	ILS Control Panel
		ILS Freq. MHz Increase	ILS Control Panel
		ILS Freq. KHz Decrease	ILS Control Panel
		ILS Freq. KHz Increase	ILS Control Panel
		ILS Volume Decrease	ILS Control Panel
		ILS Volume Increase	ILS Control Panel
		INT volume decrease	Intercom control panel
		INT volume increase	Intercom control panel
		INT press	Intercom control panel
		FM volume decrease	Intercom control panel
		FM volume increase	Intercom control panel
		FM press	Intercom control panel
		VHF volume decrease	Intercom control panel
		VHF volume increase	Intercom control panel
		VHF press	Intercom control panel
		UHF volume decrease	Intercom control panel
		UHF volume increase	Intercom control panel
		UHF press	Intercom control panel
		AIM volume decrease	Intercom control panel
		AIM volume increase	Intercom control panel
		AIM press	Intercom control panel
		IFF volume decrease	Intercom control panel
		IFF volume increase	Intercom control panel
		IFF press	Intercom control panel
		ILS volume decrease	Intercom control panel
		ILS volume increase	Intercom control panel
		ILS press	Intercom control panel
		TCN volume decrease	Intercom control panel
		TCN volume increase	Intercom control panel

		TCN press	Intercom control panel
		Volume volume decrease	Intercom control panel
		Volume volume increase	Intercom control panel
		HM press	Intercom control panel
		Rotary selector INT	Intercom control panel
		Rotary selector VHF	Intercom control panel
		Rotary selector FM	Intercom control panel
		Rotary selector HF	Intercom control panel
		Anti-Skid ON/OFF	Landing gear panel
		Downlock Override	Landing gear panel
		Landing Lights On	Landing gear panel
		Landing/Taxi Lights Off	Landing gear panel
		Taxi Lights On	Landing gear panel
		EAC Arm	LASTE Control Panel
		EAC Off	LASTE Control Panel
		RDR ALTM Normal	LASTE Control Panel
		RDR ALTM Disable	LASTE Control Panel
		Left MFCD OSB	Left MFCD
		Left MFCD OSB	Left MFCD
		Left MFCD OSB	Left MFCD
		Left MFCD OSB	Left MFCD
		Left MFCD OSB	Left MFCD
		Left MFCD OSB	Left MFCD
		Left MFCD OSB	Left MFCD
		Left MFCD OSB	Left MFCD
		Left MFCD OSB	Left MFCD
		Left MFCD OSB	Left MFCD
		Left MFCD OSB	Left MFCD
		Left MFCD OSB	Left MFCD
		Left MFCD OSB	Left MFCD
		Left MFCD OSB	Left MFCD
		Left MFCD OSB	Left MFCD
		Left MFCD OSB	Left MFCD
		Left MFCD OSB	Left MFCD
		Left MFCD OSB	Left MFCD
		Left MFCD OSB	Left MFCD
		Left MFCD ADJ Increase	Left MFCD
		Left MFCD ADJ Decrease	Left MFCD
		Left MFCD DSP Increase	Left MFCD

		Left MFCD DSP Decrease	Left MFCD
		Left MFCD BRT Increase	Left MFCD
		Left MFCD BRT Decrease	Left MFCD
		Left MFCD CON Increase	Left MFCD
		Left MFCD CON Decrease	Left MFCD
		Left MFCD SYM Increase	Left MFCD
		Left MFCD SYM Decrease	Left MFCD
		Left MFCD Disable power	Left MFCD
		Left MFCD Night illumination	Left MFCD
		Left MFCD Day illumination	Left MFCD
		Position Lights Flash	Lighting Panel
		Position Lights Off	Lighting Panel
		Position Lights Steady	Lighting Panel
		Formation Lights Decrease	Lighting Panel
		Formation Lights Increase	Lighting Panel
		Anti-Collision Lights switch	Lighting Panel
		Engine Instruments Lights Decrease	Lighting Panel
		Engine Instruments Lights Increase	Lighting Panel
		Nose Flooding and Nose Illumination switch	Lighting Panel
		Auxiliary Instruments Lights Decrease	Lighting Panel
		Auxiliary Instruments Lights Increase	Lighting Panel
		Signal Lights switch	Lighting Panel
		Flight Instruments Lights Decrease	Lighting Panel
		Flight Instruments Lights Increase	Lighting Panel
		Accelerometer and Compass Light switch	Lighting Panel
		Floodlight Decrease	Lighting Panel
		Floodlight Increase	Lighting Panel
		Console Light Decrease	Lighting Panel
		Console Light Increase	Lighting Panel
		NMSP HARS button	Navigation Mode Select Panel
		NMSP EGI button	Navigation Mode Select Panel
		NMSP TISL button	Navigation Mode Select Panel
		NMSP STR PT button	Navigation Mode Select Panel
		NMSP ANCHR button	Navigation Mode Select Panel
		NMSP TCN button	Navigation Mode Select Panel
		NMSP ILS button	Navigation Mode Select Panel
		NMSP ABLE/STOW switch	Navigation Mode Select Panel
		Right MFCD OSB	Right MFCD
		Right MFCD OSB	Right MFCD
		Right MFCD OSB	Right MFCD

		Right MFCD OSB	Right MFCD
		Right MFCD OSB	Right MFCD
		Right MFCD OSB	Right MFCD
		Right MFCD OSB	Right MFCD
		Right MFCD OSB	Right MFCD
		Right MFCD OSB	Right MFCD
		Right MFCD OSB	Right MFCD
		Right MFCD OSB	Right MFCD
		Right MFCD OSB	Right MFCD
		Right MFCD OSB	Right MFCD
		Right MFCD OSB	Right MFCD
		Right MFCD OSB	Right MFCD
		Right MFCD OSB	Right MFCD
		Right MFCD OSB	Right MFCD
		Right MFCD OSB	Right MFCD
		Right MFCD OSB	Right MFCD
		Right MFCD OSB	Right MFCD
		Right MFCD OSB	Right MFCD
		Right MFCD OSB	Right MFCD
		Right MFCD ADJ Increase	Right MFCD
		Right MFCD ADJ Decrease	Right MFCD
		Right MFCD DSP Increase	Right MFCD
		Right MFCD DSP Decrease	Right MFCD
		Right MFCD BRT Increase	Right MFCD
		Right MFCD BRT Decrease	Right MFCD
		Right MFCD CON Increase	Right MFCD
		Right MFCD CON Decrease	Right MFCD
		Right MFCD SYM Increase	Right MFCD
		Right MFCD SYM Decrease	Right MFCD
		Right MFCD Disable power	Right MFCD
		Right MFCD Night illumination	Right MFCD
		Right MFCD Day illumination	Right MFCD
		Yaw SAS engage Left	Stability Augmentation System
		Yaw SAS engage Right	Stability Augmentation System
		Pitch SAS engage Left	Stability Augmentation System
		Pitch SAS engage Right	Stability Augmentation System
		Monitor test Left	Stability Augmentation System
		Monitor test Off	Stability Augmentation System
		Monitor test Right	Stability Augmentation System
		Take off trim	Stability Augmentation System
		Stall volume Decrease	Stall Warning Control Panel
		Stall volume Increase	Stall Warning Control Panel

		Peak volume Decrease	Stall Warning Control Panel
		Peak volume Increase	Stall Warning Control Panel
		SAI Pitch Trim Left	Systems
		SAI Pitch Trim Right	Systems
		SAI Cage Knob	Systems
		ADI Pitch Trim Left	Systems
		ADI Pitch Trim Right	Systems
		CLOCK Select button	Systems
		CLOCK Control button	Systems
		HSI Heading rotate left	Systems
		HSI Heading rotate right	Systems
		HSI Course rotate left	Systems
		HSI Course rotate right	Systems
		HARS Fast Erect Button	Systems
		Altimeter Pressure Set Decrease	Systems
		Altimeter Pressure Set Increase	Systems
		Altimeter PNEU/ELECT Switch	Systems
		Seat Arm Handle	Systems
		TACAN Mode Select OFF	TACAN Control Panel
		TACAN Mode Select REC	TACAN Control Panel
		TACAN Mode Select T R	TACAN Control Panel
		TACAN Mode Select A A REC	TACAN Control Panel
		TACAN Mode Select A A T R	TACAN Control Panel
		TACAN Volume Decrease	TACAN Control Panel
		TACAN Volume Increase	TACAN Control Panel
		TACAN Chanel Ones Decrease	TACAN Control Panel
		TACAN Chanel Ones Increase	TACAN Control Panel
		TACAN Chanel Tens Decrease	TACAN Control Panel
		TACAN Chanel Tens Increase	TACAN Control Panel
		TACAN Mode X/Y Switch	TACAN Control Panel
		TACAN Test Button	TACAN Control Panel
		UFC Key	UFC
		UFC Key	UFC
		UFC Key	UFC
		UFC Key	UFC
		UFC Key	UFC
		UFC Key	UFC
		UFC Key	UFC
		UFC Key	UFC
		UFC Key	UFC

		UFC Key	UFC
		UFC SPC Key	UFC
		UFC HACK Key	UFC
		UFC FUNC Key	UFC
		UFC LTR Key	UFC
		UFC CLR Key	UFC
		UFC ENT Key	UFC
		UFC MK Key	UFC
		UFC ALT Key	UFC
		UFC Master Warning Key	UFC
		UFC STEER Rocker switch	UFC
		UFC STEER DOWN Rocker switch	UFC
		UFC DATA Rocker switch	UFC
		UFC DATA DOWN Rocker switch	UFC
		UFC SEL Rocker switch	UFC
		UFC SEL DOWN Rocker switch	UFC
		UFC DEPR Rocker switch	UFC
		UFC DEPR DOWN Rocker switch	UFC
		UFC INTEN INCREASE Rocker switch	UFC
		UFC INTEN DECREASE Rocker switch	UFC
		UHF Preset chanel selector decrease	UHF Radio
		UHF Preset chanel selector increase	UHF Radio
		UHF Mhz selector switch	UHF Radio
		UHF Mhz selector switch	UHF Radio
		UHF Mhz selector switch	UHF Radio
		UHF Mhz selector switch A	UHF Radio
		UHF Mhz selector decrease	UHF Radio
		UHF Mhz selector increase	UHF Radio
		UHF Mhz selector decrease	UHF Radio
		UHF Mhz selector increase	UHF Radio
		UHF .Mhz selector decrease	UHF Radio
		UHF .Mhz selector increase	UHF Radio
		UHF .Mhz selector decrease	UHF Radio
		UHF .Mhz selector increase	UHF Radio
		UHF Test display	UHF Radio
		UHF Status	UHF Radio
		UHF Load	UHF Radio
		UHF Volume decrease	UHF Radio
		UHF Volume increase	UHF Radio
		UHF Dial OFF	UHF Radio

		UHF Dial MAIN	UHF Radio
		UHF Dial BOTH	UHF Radio
		UHF Dial ADF	UHF Radio
		UHF Freq mode MNL	UHF Radio
		UHF Freq mode PRESET	UHF Radio
		UHF Freq mode GRD	UHF Radio
		UHF T-Tone	UHF Radio
		UHF Squelch ON/OFF	UHF Radio
		UHF Panel cover	UHF Radio
		VHF AM Volume Decrease	VHF AM Radio Control Panel
		VHF AM Volume Increase	VHF AM Radio Control Panel
		VHF AM Mode EMER FM	VHF AM Radio Control Panel
		VHF AM Mode EMER AM	VHF AM Radio Control Panel
		VHF AM Mode MAN	VHF AM Radio Control Panel
		VHF AM Mode PRE	VHF AM Radio Control Panel
		VHF AM Frequency Mode OFF	VHF AM Radio Control Panel
		VHF AM Frequency Mode TK	VHF AM Radio Control Panel
		VHF AM Frequency Mode DN	VHF AM Radio Control Panel
		VHF AM Squelch	VHF AM Radio Control Panel
		VHF AM Tone	VHF AM Radio Control Panel
		VHF AM Load	VHF AM Radio Control Panel
		VHF AM Preset Channel Decrease	VHF AM Radio Control Panel
		VHF AM Preset Channel Increase	VHF AM Radio Control Panel
		VHF AM Mhz Selector Decrease	VHF AM Radio Control Panel
		VHF AM Mhz Selector Increase	VHF AM Radio Control Panel
		VHF AM Mhz Selector Decrease	VHF AM Radio Control Panel
		VHF AM Mhz Selector Increase	VHF AM Radio Control Panel
		VHF AM .Mhz Selector Decrease	VHF AM Radio Control Panel
		VHF AM .Mhz Selector Increase	VHF AM Radio Control Panel
		VHF AM .Mhz Selector Decrease	VHF AM Radio Control Panel
		VHF AM .Mhz Selector Increase	VHF AM Radio Control Panel
		VHF FM Volume Decrease	VHF FM Radio Control Panel
		VHF FM Volume Increase	VHF FM Radio Control Panel
		VHF FM Mode EMER FM	VHF FM Radio Control Panel
		VHF FM Mode EMER AM	VHF FM Radio Control Panel
		VHF FM Mode MAN	VHF FM Radio Control Panel
		VHF FM Mode PRE	VHF FM Radio Control Panel
		VHF FM Frequency Mode OFF	VHF FM Radio Control Panel
		VHF FM Frequency Mode TK	VHF FM Radio Control Panel
		VHF FM Frequency Mode DN	VHF FM Radio Control Panel

		VHF FM Squelch	VHF FM Radio Control Panel
		VHF FM Tone	VHF FM Radio Control Panel
		VHF FM Load	VHF FM Radio Control Panel
		VHF FM Preset Channel Decrease	VHF FM Radio Control Panel
		VHF FM Preset Channel Increase	VHF FM Radio Control Panel
		VHF FM Mhz Selector Decrease	VHF FM Radio Control Panel
		VHF FM Mhz Selector Increase	VHF FM Radio Control Panel
		VHF FM Mhz Selector Decrease	VHF FM Radio Control Panel
		VHF FM Mhz Selector Increase	VHF FM Radio Control Panel
		VHF FM .Mhz Selector Decrease	VHF FM Radio Control Panel
		VHF FM .Mhz Selector Increase	VHF FM Radio Control Panel
		VHF FM .Mhz Selector Decrease	VHF FM Radio Control Panel
		VHF FM .Mhz Selector Increase	VHF FM Radio Control Panel