Falcon BMS Keyboard Layout (US-International)
by Kolbe-49th

Function Keys

Key	Un-modified (black)	Shift (green)	Ctrl (blue)	Alt (red)	Shift+Ctrl (black italic)	Shift+Alt (green italic)	Ctrl+Alt (blue italic)	Shift+Ctrl+Alt (red italic)
ESC	Exit							
F1	ICP COM1	Range Knob Dn		AuxCom Lft Dig		Test Fire&Oheat		Master Fuel Tog
F2	ICP COM2	Range Knob Up		AuxCom Ctr Dig		Test Oxy Qty		ENG Feed Dec
F3	ICP IFF	Antenna Elev Dn		AuxCom Rt Dig		Test Mal/IndLts		ENG Feed Inc
F4	ICP LIST	Antenna Elev Ctr		AuxCom X/Y		Test Probe Dn		
F5	ICP A-A	Antenna Elev Up		AuxC UFC/Bkup		Test Probe Up		
F6	ICP A-G	HUD Sym Whl Dn		AuxCom AA/TR		Test EPU Gen		
F7	TrackIR Precision	HUD Sym Whl Up				Test FLCS Pwr		
F8	TrackIR Profile	ManBomb Ret Dn						
F9	TrackIR Pause	ManBomb Ret Up	Flaps Null	LEF Null		Digital Backup	TF Flyup Dis	
F10			Flaps Full	LEF Full		Digital Off	TF Flyup En	
F11	TrackIR Reload		Flaps Decrease	LEF Decrease		Alt Flaps Tog	FLCS	
F12	TrackIR Recenter		Flaps Increase	LEF Increase		LE Flaps Tog	BIT Switch	

Number Row

Key	Un-modified	Shift (green)	Ctrl (blue)	Alt (red)	Shift+Ctrl (black italic)	Shift+Alt (green italic)
`	Chat	View Action Cam				
1	View HUD only	View Satellite	Labels Near		RMFD OSB 01	LMFD OSB 02
2	View Snap Ckpit	View Tgt To Wpn	Labels Far	Empty Pit Shell	RMFD OSB 02	LMFD OSB 02
3	View Pan Ckpit	Toggle SA Bar	Flap Display	Tog Clickable Pit	RMFD OSB 03	LMFD OSB 03
4	View Padlock	Padlck Mode=AA	Padlck Mode=AG		RMFD OSB 04	LMFD OSB 04
5	View Ext FOV	Padlck EFOV=AA	Padlck EFOV=AG		RMFD OSB 05	LMFD OSB 05
6	View Tgt To Self	View Target	Displacem Cam		RMFD OSB 06	LMFD OSB 06
7	View Incoming	View Weapon			RMFD OSB 07	LMFD OSB 07
8	View Friendly AC	View Frndly Veh	View Enemy AC	View Enemy Veh	RMFD OSB 08	LMFD OSB 08
9	View Chase	View FlyBy	View Aircraft Pre		RMFD OSB 09	LMFD OSB 09
0	View Orbit	View TopGun	View Aircraft Nxt		RMFD OSB 10	LMFD OSB 10
-	Throttle Back	Throttle Step Dn	Throttle Min AB	Throttle Idle	RMFD Brightn Dn	LMFD Brightn Dn
=	Throttle Forward	Throttle Step Up	Throttle Full AB		RMFD Brightn Up	LMFD Brightn Up
Backspace	TRIM Reset	Radar Cursor Reset				

QWERTY Row

Key	Un-modified	Shift (green)	Ctrl (blue)	Alt (red)	Shift+Ctrl (black italic)	Shift+Alt (green italic)	Ctrl+Alt (blue italic)	Shift+Ctrl+Alt (red italic)
Tab	Master Caution	Toggle Subtitles	Toggle Infobar					
Q	Radio AWACS	ALT Press Dec				Ext Lights AntiCol	Audio ILS Off	
W	Radio Wingman	ALT Press Inc				Ext Lts Stdy/Flash	Audio ILS On	
E	Radio Element	Ext Lights Master	Eject			EPU Cycle / Ext Lights Wing		Cycle Engines
R	Radio Flight	RF Sw Cycle					Com1 Mode SQL	
T	Radio ATC	TFR Toggle	Trim AP/Disc	Trim AP/Norm		ELEC Main Dn	Com1 Mode DL	
Y	Radio Tanker	Fuel Door Tog				ELEC Main Up	Com2 Mode SQL	
U	Msl Cage/Uncage	UHF Chan Cycle					Com2 Mode DL	
I	HOTAS Idle Det					ECM OPR	UHF Function Dn	
O	MPO Toggle	MPO Hold				ECM OFF	UHF Function Up	
P	Sim Pause	Sim Freeze	Parking Break				UHF Mode Dn	
[	AI vs IVC Vol Dn	Intercom Vol Dn	Com-1 Vol Dn	Com-2 Vol Dn		ENG Cont Pri	UHF Mode Up	
]	AI vs IVC Vol Up	Intercom Vol Up	Com-1 Vol Up	Com-2 Vol Up		ENG Cont Sec		
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ASDF Row

Key	Un-modified	Shift (green)	Ctrl (blue)	Alt (red)	Shift+Ctrl (black italic)	Shift+Alt (green italic)	Ctrl+Alt (blue italic)
Caps Lock	Time Accel 2x	Time Accel Inc	Time Accel Dec	Time Accel 4x			
A	AP Switch Right	AP Switch Left	AP Ovrd-Paddle		CMDS RWR Pwr	Snsr Pwr Lt Hrdpt	HUD Scales Type
S	Slap Switch	Smoke Toggle	Seat Arm		CMDS JMR Pwr	Snsr Pwr Rt Hrdpt	HUD FPM
D	Dogfight Mode	Drag Chute	Dump Fuel		CMDS CH Pwr	Snsr Pwr FCR	HUD DED
F	AVTR Sw Toggle	HUD Display FLIR	F ACK	AVTR Sw Cycle	Snsr RDR Alt Dn		HUD Depr Ret Dn
G	Landing Gear	Reset Alt Gear		Alt Landing Gear	CMDS Jett On	Snsr RDR Alt Up	HUD Depr Ret Up
H	HSI Mode Cycle	Horn Silencer	Hook Toggle	HUD Color	CMDS Jett Off		HUD Velocity
J	Emerg Jettison	JFS Switch Tog	Ground Jett En			Fuel QTY SEL Dn	HUD Altimeter
K	Wheel Brakes	Kneeboard Page				Fuel QTY SEL Up	HUD Brightness
L	Look Closer	Laser Arm	Landing Lights			Fuel TRANS Tog	
;	HMCS Brtns Dn	Missile Vol Dn	Threat Vol Dn				
'	HMCS Brtns Up	Missile Vol Up	Threat Vol Up				
Return	HUD Warn Reset	ELEC Caution Reset					

ZXCV Row

Key	Un-modified	Shift (green)	Ctrl (blue)	Alt (red)	Shift+Alt (green italic)	Ctrl+Alt (blue italic)
Z	EWS PGM Dec	EWS Mode Dec			Int Lights Console	Avionics INS Dec
X	EWS PGM Inc	EWS Mode Inc			Int Lights Instr	Avionics INS Inc
C	MRM/DF Cancel	Cat I/III	Canopy Toggle	Key Comb Alt-C	Int Lights DED	Avionics Pwr FCC
V	HOTAS Pinky	VTOL Inc	VTOL Dec			Avionics Pwr SMS
B	Air Brakes Tog	Air Brakes Open	Air Brakes Close		VMS Sw Toggle	Avionics Pwr MFD
N	NVG	HOTAS CursorEn			AIR Source Dec	Avionics Pwr UFC
M	MRM Mode	Master Arm Cycle			AIR Source Inc	Avionics Pwr GPS
,	HSI CRS Inc 5	HSI CRS Dec 5	HSI CRS Inc 1	HSI CRS Dec 1		Avionics Pwr DL
.	HSI HDG Inc 5	HSI HDG Dec 5	HSI HDG Inc 1	HSI HDG Dec 1	Oxygen Toggle	Avionics Pwr MAP
/	2nd Trigger Det	HOTAS MSL Step	1st Trigger Det			

Shift | Shift

Ctrl | Alt | ... | Alt | Ctrl

Space Bar
Pickle / Fire Weapon
Trigger Catapult

Keypress Modifier: / Legend:
- Un-modified — **BLACK BOLD**
- Shift — **GREEN BOLD**
- Ctrl — **BLUE BOLD**
- Alt — **RED BOLD**
- Shift + Ctrl — *BLACK ITALICS*
- Shift + Alt — *GREEN ITALICS*
- Ctrl + Alt — *BLUE ITALICS*
- Shift + Ctrl + Alt — *RED ITALICS*

Key Combination: / Legend:
- ALT-C: S — Show Score
- ALT-C: F — Show Frame Rate
- ALT-C: O — Show Online Status
- ALT-C: Q — Quicksave Campaign

Multiple commands are listed in the following order:

Un-modified key	**BLACK BOLD**	*Shift + Ctrl*	*BLACK ITALICS*
Shift	**GREEN BOLD**	*Shift + Alt*	*GREEN ITALICS*
Ctrl	**BLUE BOLD**	*Ctrl + Alt*	*BLUE ITALICS*
Alt	**RED BOLD**	*Shift + Ctrl + Alt*	*RED ITALICS*

Falcon BMS NUM Block Layout & DirectX

Insert	Home	Page Up		Num Lock	/		*	-
DRIFT C/O Tog	COMM UHF						TS Broadcast	ICP Prev
	TMS Up						**TS Mike On/Off**	**Padlock Prev**
Ctrls Rudder Lt	**DMS Up**	**Ctrls Rudder Rt**					**TS Spkr On/Off**	**Padlock AA Prev**
	CMS Up							**Padlock AG Prev**
TRIM Rudder Lt	*TRIM Elev Up*	*TRIM Rudder Rt*						

Delete	End	Page Down
COMM Left	COMM VHF	COMM Right
TMS Left	**TMS Down**	**TMS Right**
DMS Left	**DMS Down**	**DMS Right**
CMS Left	**CMS Down**	**CMS Right**
TRIM Aileron Lt	*TRIM Elev Down*	*TRIM Aileron Rt*

7	8	9	+
ICP 7 - MARK	ICP 8 - FIX	ICP 9 - A-CAL	ICP Next
FOV Increase	**View Rotate Up**	**View Glance Fwd**	**Padlock Next**
		TWP Handoff	**Padlock AA Next**
			Padlock AG Next
RMFD OSB 17	*RMFD OSB 18*	*RMFD OSB 19*	
LMFD OSB 17	*LMFD OSB 18*	*LMFD OSB 19*	

4	5	6
ICP 4 - STPT	ICP 5 - CRUS	ICP 6 - TIME
View Rotate Lt	**View Reset**	**View Rotate Rt**
	FOV Default	**TWP Priority**
RMFD OSB 14	*RMFD OSB 15*	*RMFD OSB 16*
LMFD OSB 14	*LMFD OSB 15*	*LMFD OSB 16*

1	2	3	Enter
ICP 1 - T-ILS	ICP 2 - ALOW	ICP 3 - Button	ICP ENTR
FOV Decrease	**View Rotate Dn**	**View Glance Bwd**	**TWA Power**
TWP Unknown	**TWP Naval**	**TWP TGT SEP**	
RMFD OSB 11	*RMFD OSB 12*	*RMFD OSB 13*	
LMFD OSB 11	*LMFD OSB 12*	*LMFD OSB 13*	

0	.
ICP 0 - M-SEL	ICP RCL
TWA Low	**TWA Search**
RWR Brtns Dn	**RWR Brtns Up**
RMFD OSB 20	
LMFD OSB 20	

↑ ICP DCS Up
Stick Trim Up
Ctrls Nose Up
Radar Crsr Up

← ICP DCS RET	↓ ICP DCS Dn	→ ICP DCS SEQ
Stick Trim Left	**Stick Trim Down**	**Stick Trim Right**
Ctrls Roll Left	**Ctrls Nose Down**	**Ctrls Roll Right**
Radar Crsr Left	**Radar Crsr Down**	**Radar Crsr Right**

DirectX button programming for TM HOTAS COUGAR (1st Device!):

Button	unshifted	shifted
S1	Msl Step	Toggle Fuel Door
S2	Pickle	TRIM Reset
S3	Pinky	Shift
S4	Paddle	Eject
TG1	Trigger 1st Det.	Nothing
TG2	Trigger 2nd Det.	Nothing
H1	POV (default)	TRIM
H2 up	TMS Up	Toggle FOV
H2 r	TMS Right	HSI Mode Increase
H2 l	TMS Left	Toggle AVTR
H2 dn	TMS Down	HSI Mode Decrease
H3 up	DMS Up	Pan Cockpit Mode
H3 r	DMS Right	Orbit Mode
H3 l	DMS Left	Snap Cockpit Mode
H3 dn	DMS Down	HUD Mode
H4 up	CMS Up	HMCS Brightness Up
H4 r	CMS Right	Toggle External Lights
H4 l	CMS Left	HMCS Brightness Down
H4 dn	CMS Down	Toggle ECM
T1	Cursor Enable	Emergency Jettison
T2-5	COMM Switch	Up: declare Dn: picture
T6	Uncage	Idle Detent
T7	SRM Override	Nothing
T8	MRM Override	Nothing
T9	Speedbrakes Out	Nothing
T10	Speedbrakes In	Nothing

DirectX button programming for TM MFDs (2nd & 3rd Device):

(GAIN, SYM, CON are not implemented)

Left MFD	OSB 1 – 20 & Brightness up / down
Right MFD	OSB 1 – 20 & Brightness up / down