

LEGEND

1 = BF-109 E-7 only
2 = BF-109 F-2 only
3 = BF-109 F-4 only
4 = BF-109 G-2 only
5 = BF-109 G-4 only
6 = BF-109 G-6/G-6 Late only
7 = BF-109 G-14 only
8 = BF-109 K-4 only
9 = ME-110 E-2 only
0 = ME-110 G-2 only

IL2 – BOS Thrustmaster WARTHOG TARGET Profile

For IL2 – BOS – Warthog – BF109–ME110.fcf
by Nick "Darkdiz" Lisney
V25112020

EFLNORM
/I RCTL a Rearm Process

EFRNORM
/I RCTL f Refuel Process

EOLIGN
/I RCTL 1 Start Engine 1 (Port)

EORIGN
/I RCTL 2 Start Engine 2 (Stbd)⁹⁰

EOLMOTOR
/O LSHF r Auto Oil/Water Rad Control
/I LSHF q Auto Mix/Supercharger Control

EORMOTOR
/O LSHF r/q/n All Auto Engine Assist Control
/I LSHF n Auto RPM Limiter Control

SCP
KP. Snap View Custom Modifier

APUON
/O LALT f Feather Selected Engine⁹⁰

LTB
/I LCTL BSP Eject

IDLERON
e Start All Engines

PSF
/O LSHF k Cockpit Lights
/I RSHF l Landing Lights⁹⁰

CSL
/O RCTL / Oil Rad Close¹⁹⁰
/I RCTL – Water Rad Close²³⁴⁵⁶⁷⁸⁹⁰

PSB
/O RCTL l Nav Lights

FLAPU
/O LSHF f Retract Flaps
/I RSHF g Retract Landing Gear

MSU
/O RSHF = Prop High Pitch

MSP
/O RCTL ' PTT
/I KP5 Center Pilot Head

FLAPD
/O LCTL f Extend Flaps
/I RCTL g Extend Landing Gear

MSD
/O RSHF – Prop Low Pitch

LDGH
/I LCTL r Flight Record

SPDF (Locking)
/I LSHF g Tailwheel Lock¹²³⁴⁵⁶⁷⁸

SPDB (Non-Locking)
/O / Differential Wheel Brakes

APPAT
/O RALT o Map

BSF
/O RSHF KP/ SRS Next Radio
/I LSHF KP/ SRS Radio Channel +

APENG
/O RALT c Canopy
/I LSHF d Jettison Stores⁷

BSB
/O RCTL KP/ SRS Prev Radio
/I LCTL KP/ SRS Radio Channel -

APALT
/O LALT a Altimeter Ref Pressure

CHF/B
/O KP+/KP- FOV Zoom In/Out
/I KP* FOV Reset

EACON
/I RCTL b Arm Bombs

TG1
/O RALT SPC Fire Wpn Gp 1
/I LALT SPC Fire Wpn Gp 2

TG2
/O LSHF SPC Fire All Guns
/I LSHF SPC Fire All Guns

S1
/O RSHF r Rocket Salvo Mode⁷
/I RCTL q Fire Rockets⁷

S2
/O RSHF b Bomb Salvo Mode⁹⁰
/O LCTL SPC Fire Personal Weapon/Flare
/I RSHF q Drop Bombs

S3
/O Non-Shifted Function
/I Shifted Function

S4
KP. Snap View Custom Modifier

H1 – Trimmers
H1U /O RCTL up Trim Stabilizer/Elevator Nose Down
H1D /O RCTL down Trim Stabilizer/Elevator Nose Up
/I LCTL t Reset Elevator/Rudder Trim⁹⁰
H1L /O LCTL z Trim Rudder Nose Left⁹⁰
H1R /O LCTL x Trim Rudder Nose Right⁹⁰

H2 – Autopilots and Personal Wapons/Flares
H2U /O a Full Autopilot
/I LCTL 4 LCTL ` Load/Stow Personal Weapon
H2D /O LSHF u Level Autopilot
/I LCTL 3 LCTL ` Load/Stow White Flare
H2L /O LSHF z Left Turn Autopilot
/I LCTL 1 LCTL ` Load/Stow Red Flare
H2R /O LSHF x Right Turn Autopilot
/I LCTL 2 LCTL ` Load/Stow Green Flare

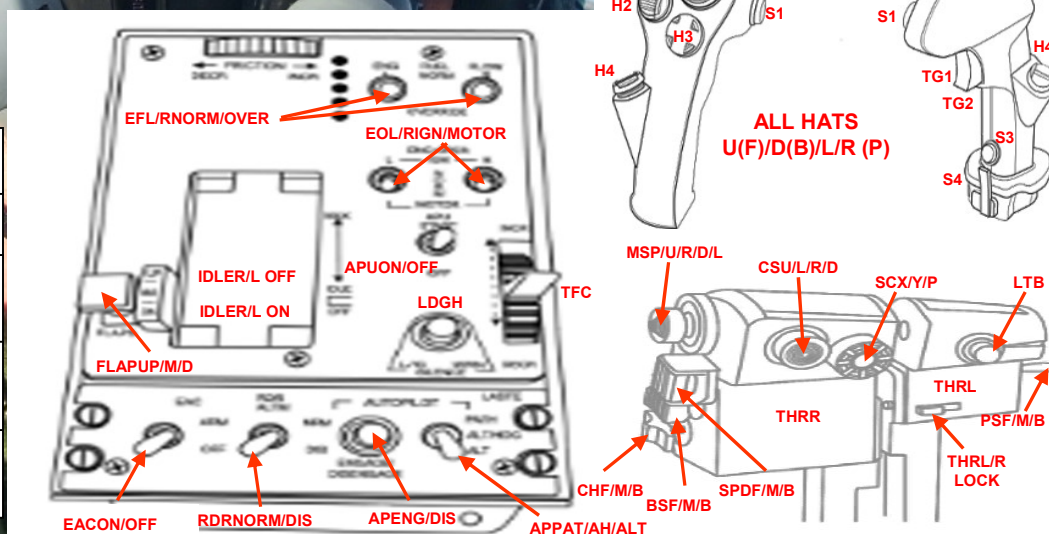
H3 – Views (Combo w/ CSU/D and SCP/S4)
H3U DXHATUP Snap View Up
H3D DXHATDOWN Snap View Down
H3L DXHATLEFT Snap View Left
H3R DXHATRIGHT Snap View Right

H4 – Engine and Gunsight Settings
H4U /O RALT \ Oil Rad Control Mode⁹⁰
/I RCTL r Water Rad Control Mode²³⁴⁵⁶⁷⁸
H4D /O RSHF i Prop Pitch Control Mode
H4P /O RALT v Gunsight Filter
/I RALT f Gunsight Position⁷⁸

CSU
KP0 Snap View Up Modifier

CSD
KPENT Snap View Down Modifier

CSR
/O RSHF = Oil Rad Open¹⁹⁰
/I RCTL = Water Rad Open²³⁴⁵⁶⁷⁸⁹⁰



Engine Specs

		Time (mins)	RPM	Pres	Temps Optimal (Max)	Remarks
BF-109 E-7	N	∞	2200	1.15	O In 30-75 (80) O Out 95 (105) W 94 (100)	
	C	30	2300	1.23		
	E	5	2400	1.30		
	B	1	2400	1.40		
BF-109 F-2	N	∞	2300	1.15	O 70-80 (85) W 100-102 (110)	
	C	30	2400	1.25		
	E	3	2600	1.35		
	B	1	2800	1.42		
BF-109 F-4	N	∞	2300	1.15	O 70-80 (85) W 100-102 (110)	
	C	30	2500	1.30		
	E	1	2700	1.42		
BF-109 G-2	N	∞	2300	1.15	O 70-80 (85) W 100-102 (110)	
	C	30	2600	1.30		
BF-109 G-4	N	∞	2300	1.15	O 70-80 (85) W 100-102 (110)	
	C	30	2600	1.30		
	E	1	2800	1.42		
BF-109 G-6/G-6 Late	N	∞	2300	1.15	O 70-80 (85) W 100-102 (110)	
	C	30	2600	1.30		
	E	1	2800	1.42		
BF-109 G-14	N	∞	2300	1.15	O 70-80 (85) W 100-102 (110)	
	C	30	2600	1.30		
	E	10	2800	1.70		
BF-109 K-4	N	∞	2400	1.35	O 70-80 (85) W 100-102 (110)	
	C	30	2600	1.45		
	E (DB)	10	2800	1.80		
	E (DC)	10	2800	1.98		
BF-110 E-2	N	∞	2200	1.15	O In 30-75 (80) O Out 95 (105) W 94 (100)	
	C	30	2300	1.23		
	E	5	2400	1.30		
	B	1	2400	1.40		
BF-110 G-2	N	∞	2300	1.15	O 70-80 (85) W 100-102 (110)	
	C	30	2600	1.30		
	E	1	2800	1.42		