

PLAF MTC - Cockpit Monitor

General Information

ASIM-50736 Requirement <Enter Summary Here> TO DO

ASIM-50736

ASIM-50736 Requirement <Enter Summary Here> TO DO

The Cockpit Controls component shall be composed of two sections - cockpit graphics and cockpit logger.

ASIM-50737 Requirement <Enter Summary Here> TO DO

ASIM-50737

ASIM-50737 Requirement <Enter Summary Here> TO DO

The cockpit graphics component shall include a full cockpit figure along with a five-section view:

Instrument panel

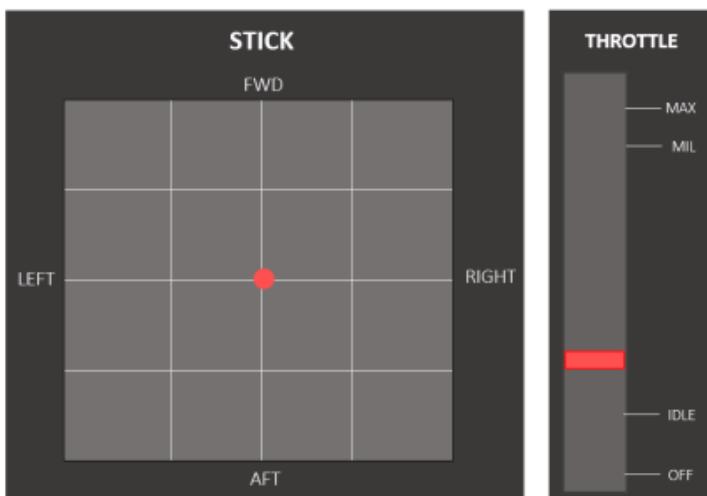
Left auxiliary

Left console

Right auxiliary

Right console

There shall be stick and throttle figures along with stick movement and throttle movement indicators (see the following figures).



Specific requirements

ASIM-50739 Requirement <Enter Summary Here> TO DO

ASIM-50739

ASIM-50739 Requirement <Enter Summary Here> TO DO

The user shall be able to select consoles to present

ASIM-50741 Requirement <Enter Summary Here> TO DO

ASIM-50741

ASIM-50741 Requirement <Enter Summary Here> TO DO

The user shall be able to expand / narrow a selected console

ASIM-50742 Requirement <Enter Summary Here> TO DO

ASIM-50742**ASIM-50742 Requirement <Enter Summary Here>**

TO DO

Upon Expendng/narrowing a console, the panel proportions shall remain the same

ASIM-50743 Requirement <Enter Summary Here>

TO DO

ASIM-50743**ASIM-50743 Requirement <Enter Summary Here>**

TO DO

Every movement in the cockpit shall be indicated with a frame (see the following figure)

**ASIM-50744 Requirement <Enter Summary Here>**

TO DO

ASIM-50744**ASIM-50744 Requirement <Enter Summary Here>**

TO DO

All the control components and the DED shall represent their actual state in the cockpit

ASIM-50745 Requirement <Enter Summary Here>

TO DO

ASIM-50745**ASIM-50745 Requirement <Enter Summary Here>**

TO DO

The user shall be able to move a console by long pressing and moving it

ASIM-50746 Requirement <Enter Summary Here>

TO DO

ASIM-50746**ASIM-50746 Requirement <Enter Summary Here>**

TO DO

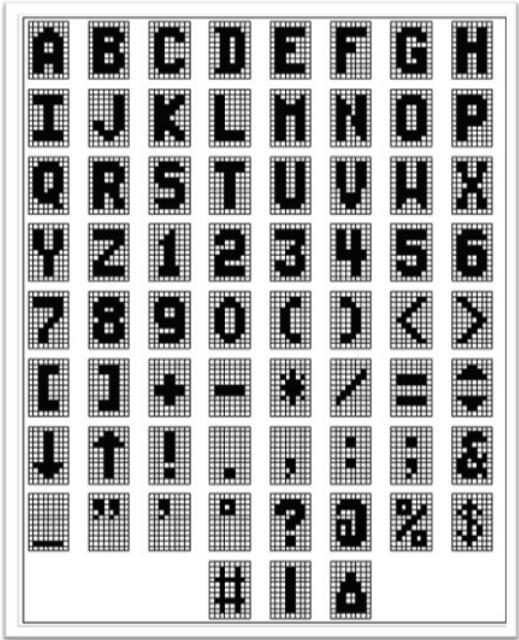
Pressing a console in the cockpit's image shall expand it

Issue unavailable

All the display screens in the cockpit, besides the DED and PFLD screens, shall be blank

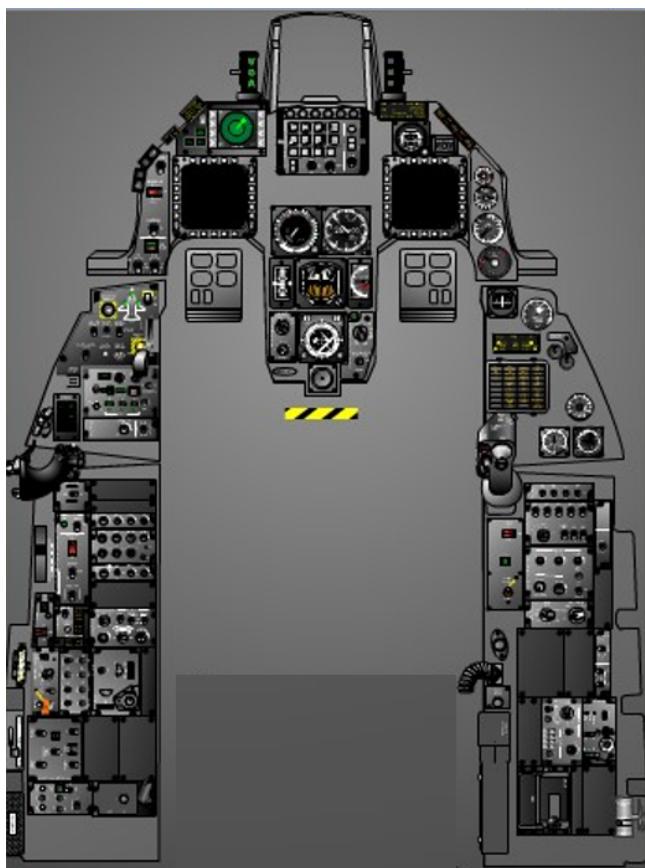
Issue unavailable

The DED and PFLD display shall support the following characters:

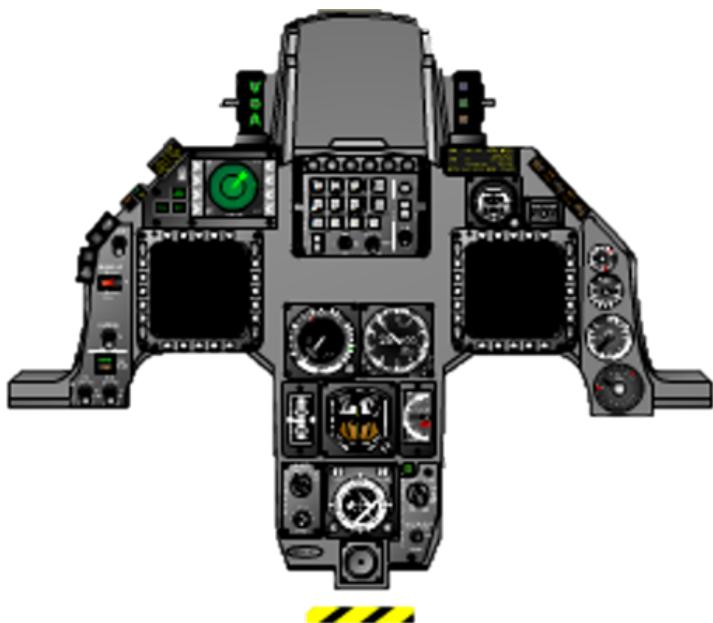
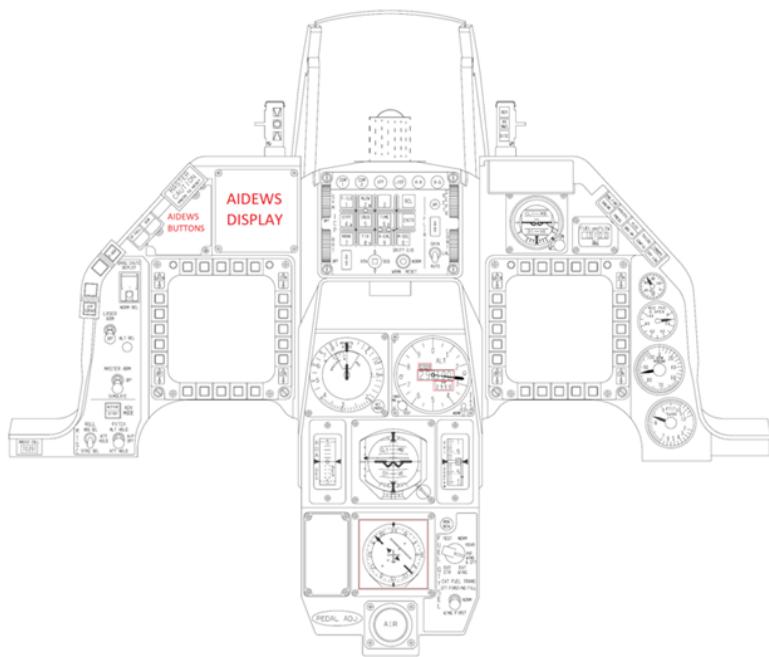


Cockpit views

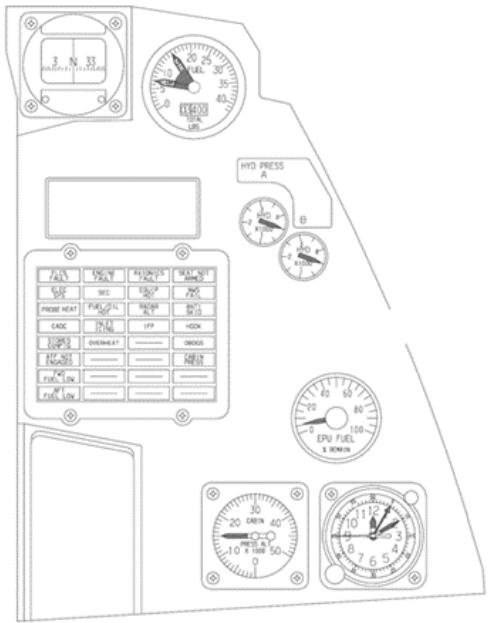
Full cockpit



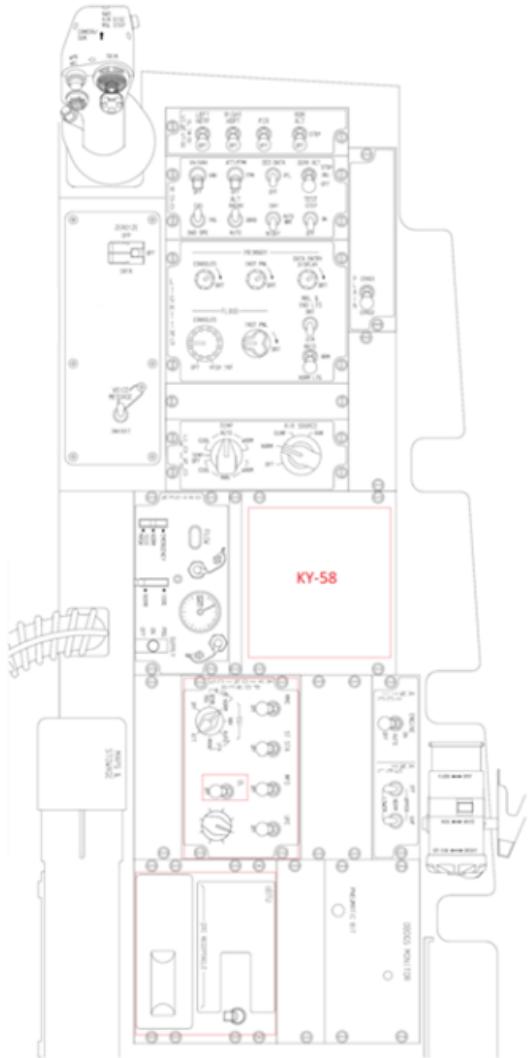
Instrument panel



Right auxiliary + console

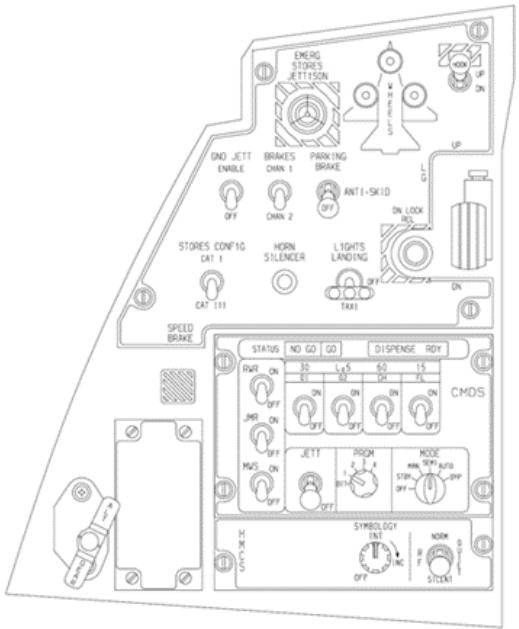


(auxiliary)



(console)

Left auxiliary +console



(auxiliary)



(console)

The HUD will not be presented as a part of the cockpit view.

ASIM-50747 Requirement <Enter Summary Here>

TO DO

ASIM-50747

ASIM-50747 Requirement <Enter Summary Here>

TO DO

The "log" column in the table below describes the actions that shall be noted in the logger

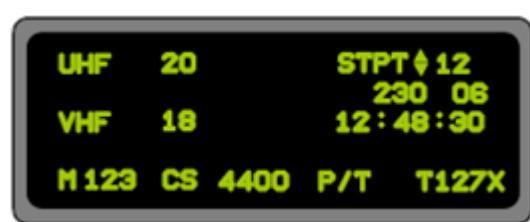
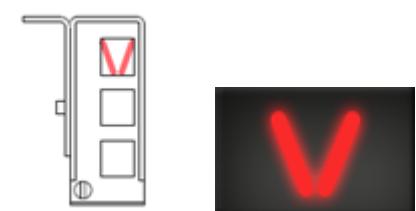
Cockpit Mapping

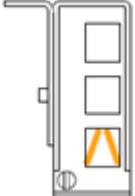
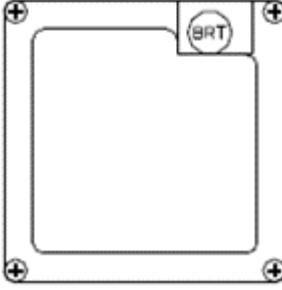
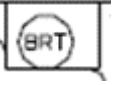
name	description	log	mark	picture

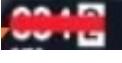
ICP	Instrument panel		
Com 1 override button	Pressed/not pressed		
Com 2 override button	Pressed/not pressed		
IFF override button	Pressed/not pressed		
ENTER button	Pressed/not pressed		
M-SEL button (0 key)	Pressed/not pressed		

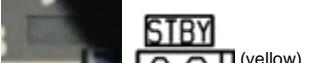
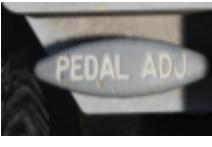
DRIFT C/O switch	Drift c/o Norm Warn reset		
Data control switch (DCS)	Up/down/left (RTN) /right (SEQ)		
Increment/Decrement switch	Pressed up/ pressed down/ not pressed		
LIST button	Pressed/not pressed		
A-A button	Pressed/not pressed	Master mode: A-A	
A-G button	Pressed/not pressed	Master mode: A-G	
RCL button	Pressed/not pressed		
RET DEPER knob	Moved/ not moved		
CONT knob (not used)	Moved/ not moved		

SYM knob	Moved/ not moved			
BRT knob (not used)	Moved/ not moved			
Weather mode button (not used)	Pressed/not pressed			
FLIR Increment /Decrement (not used)	Pressed up/ pressed down/ not pressed			
FLIR gain switch	Gain/LVL/ Auto			
Priority function and numeric keyboard				
T-ILS/ key 1	Pressed/not pressed			
ALOW/ key 2	Pressed/not pressed			
Key 3	Pressed/not pressed			
STPT/ key 4	Pressed/not pressed			

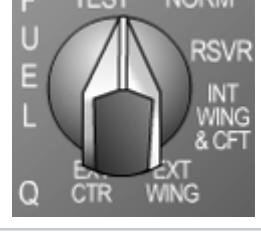
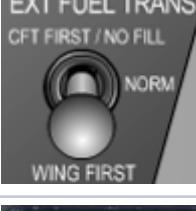
CRUS/ key 5	Pressed/not pressed		
TIME/ key 6	Pressed/not pressed		
MARK/ key 7	Pressed/not pressed		
FIX/ key 8	Pressed/not pressed		
A-CAL/ key 9	Pressed/not pressed		
DED ▪ Instrument panel	display screening		
AOA indexer ▪ Instrument panel			
High AOA indexer (above 15)	Illuminated/ not illuminated		

Optimum AOA indexer (approximate y 13)	Illuminated/ not illuminated			
Low AOA indexer (under 11)	Illuminated/ not illuminated			
AR status + NWS indicator ■ Instrument panel				
RDY status light	Illuminated/ not illuminated			
AR NWS status light	Illuminated/ not illuminated			
DISC status light	Illuminated/ not illuminated			
DEWD (Dedicated Electronic Warfare Display) ■ Instrument panel	display			
DEWD BRT knob	Moved/ not moved			

Airspeed /Mach indicator			
Airspeed /Mach IND set index knob			
HSI (display)	Instrument panel		 
Course indication			
Range indicator			
Range indicator warning flag	Show/hide		
CRS set knob	Moved/ not moved		
HDG set knob	Moved/ not moved		
Instrument mode selector	pressed/ not pressed		
Instrument mode indicator			
Course Deviation Warning Flag	Show/hide		
INU Invalid Flag or ATT Failure Flag	Show/hide		

Altimeter (display)	■ Instrument panel		
			
barometric setting knob	Moved/ not moved		
Altimeter mode switch	STBY/ Norm		 instead of PNEU it needs to be STBY instead of ELECT it needs to be NORM
PNEU / STBY flag	Show PNEU/ show STBY/ hide		
Rudder PEDAL ADJ Knob	■ Instrument panel		
Vertical velocity indicator	■ Instrument panel		

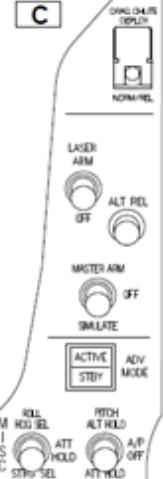
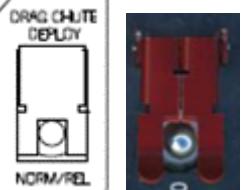
AOA indicator	<ul style="list-style-type: none"> ▪ Instrument panel 		
Fuel flow indicator	<ul style="list-style-type: none"> ▪ Instrument panel 		
Oil pressure indicator	<ul style="list-style-type: none"> ▪ Instrument panel 		
NOZ POZ indicator	<ul style="list-style-type: none"> ▪ Instrument panel 		
RPM indicator	<ul style="list-style-type: none"> ▪ Instrument panel 		
FTIT indicator	<ul style="list-style-type: none"> ▪ Instrument panel 		

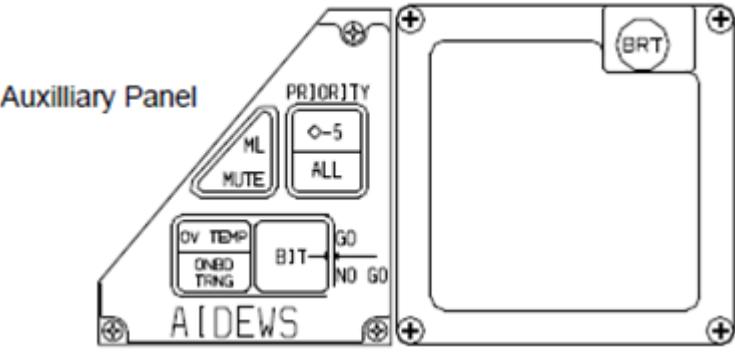
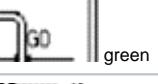
Standby Attitude Indicator ■ Instrument panel			
Pull to cage knob	Moved/ not moved		
Fuel QTY SEL ■ Instrument panel			
Fuel QTY SEL selector	TEST/ NORM / RSVR / INT WING & CFT / INT WING / EXT WING / EXT CTR	Fuel QTY SEL: TEST/ NORM / RSVR / INT WING & CFT / INT WING / EXT WING / EXT CTR	
EXT FUEL TRANS switch	CFT FIRST (NO FILL) / NORM / WING FIRST	EXT FUEL TRANS: CFT FIRST (NO FILL) / NORM / WING FIRST	
ADI ■ Instrument panel			

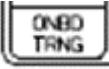
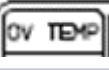
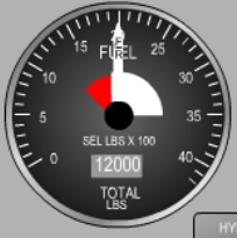
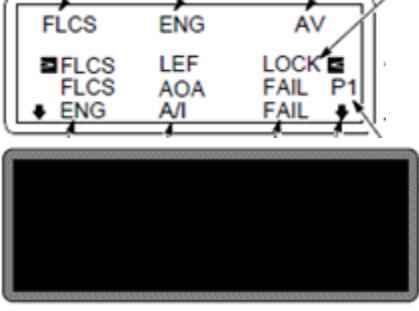
GS flag	Show flag/ Hide flag		
LOC flag	Show flag/ Hide flag		
OFF flag	Show flag/ Hide flag		
AUX flag	Show flag/ Hide flag		
Pitch Trim Knob	moved/ not moved		
Left glare shield ▪ Instrument panel			
MASTER CAUTION light	Illuminated Not illuminated		
MASTER CAUTION button	Pressed/not pressed		
ECM light	Illuminated/ Not illuminated		
TF FAIL light	Illuminated/ Not illuminated		

MFDs (L/R)	Blank - the content of the MFD screen doesn't need to be displayed in the cockpit monitor ■ Instrument panel		
Symbology rocker switch	Pressed/not pressed		
Contrast rocker switch	Pressed/not pressed		
Brightness rocker switch	Pressed/not pressed		
Gain rocker switch	Pressed/not pressed		
OSB 1	Pressed/not pressed		
OSB 2	Pressed/not pressed		
OSB 3	Pressed/not pressed		
OSB 4	Pressed/not pressed		
OSB 5	Pressed/not pressed		
OSB 6	Pressed/not pressed		

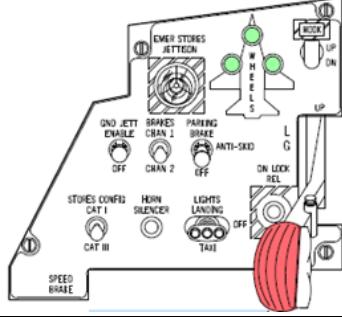
OSB 7	Pressed/not pressed			
OSB 8	Pressed/not pressed			
OSB 9	Pressed/not pressed			
OSB 10	Pressed/not pressed			
OSB 11	Pressed/not pressed			
OSB 12	Pressed/not pressed			
OSB 13	Pressed/not pressed			
OSB 14	Pressed/not pressed			
OSB 15	Pressed/not pressed			
OSB 16	Pressed/not pressed			
OSB 17	Pressed/not pressed			
OSB 18	Pressed/not pressed			
OSB 19	Pressed/not pressed			
OSB 20	Pressed/not pressed			

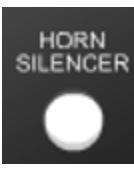
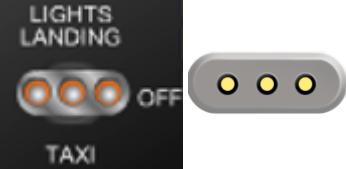
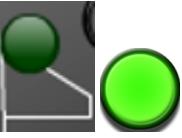
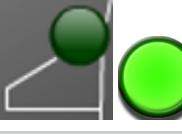
MRK BCN Light ■ Instrument panel	illuminated/ mot illuminated		
MISC panel ■ Instrument panel			
DRAG CHUTE guard	Open/closed		
DRAG CHUTE switch	Deploy NORM/REL	Drag chute: deploy Drag chute: REL	
LASER ARM switch	Arm/off		
ALT REL button	Pressed/ not pressed		
MASTER ARM switch	Master arm/ off/ simulate	MASTER ARM: ARMOFF/SIM	

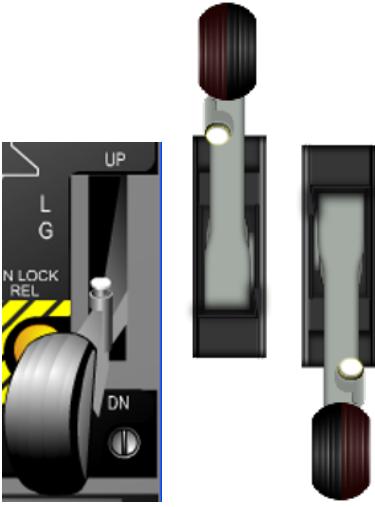
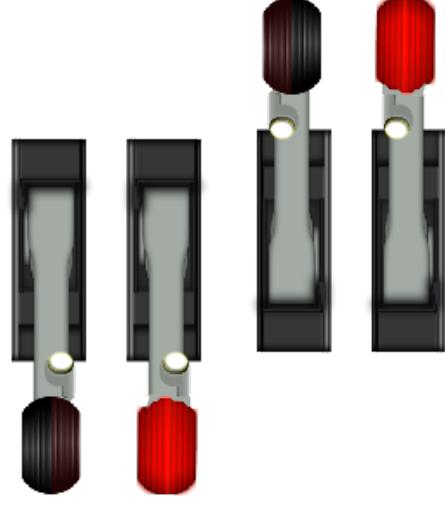
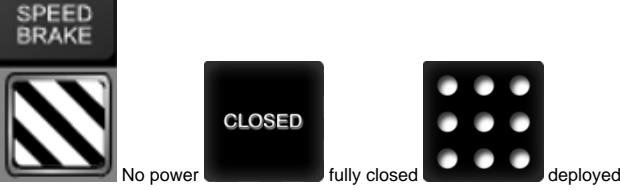
ADV MODE Switch	Pressed/ not pressed		
Autopilot pitch switch	ALT HOLD A/P OFF ATT HOLD	Autopilot pitch: ALT HOLD A/P OFF ATT HOLD	
Autopilot roll switch	HDG SEL ATT HOLD STRG SEL	Autopilot roll: HDG SEL ATT HOLD STRG SEL	
AIDEWS auxiliary pane ■ Instrument panel			
ML mute button	Pressed/ not pressed		
0-5 Priority button	Pressed/ not pressed		
0-5 Priority light	Illuminated/ not illuminated		
ALL Priority button light	Pressed/ not pressed		
ALL Priority light	Illuminated/ not illuminated		
BIT button	Pressed/ not pressed		
Go light	Illuminated/ not illuminated		
No go light	Illuminated/ not illuminated		
ONBD TRNG switch	Pressed/ not pressed (Press and hold to activate press again to deselect)		

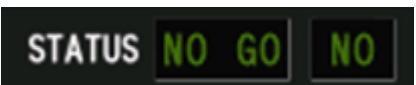
ONBD TRNG light	Illuminated/ not illuminated		 yellow
OV TEMP light	Illuminated/ Not illuminated		 red
F-ACK ■ Instrument panel	Pressed/ not pressed		 
IFF IDENT ■ Instrument panel	Pressed/ not pressed		 
Magnetic compass ■ Right auxiliary			
Fuel quantity indicator ■ Right auxiliary			
PFL display ■ Right auxiliary			

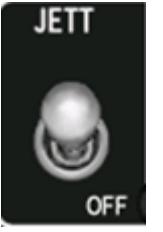
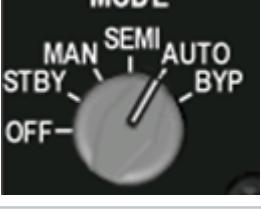
System A HYD PRESS Indicator	■ Right auxiliary		
System B HYD PRESS Indicator	■ Right auxiliary		
EPU fuel quantity indicator	■ Right auxiliary		
CABIN PRESS altimeter	■ Right auxiliary		
clock	■ Right auxiliary		

LG control panel ■ Left auxiliary		 
HOOK switch	Up/down	HOOK: up/ down 
DN LOCK REL button	Pressed/ not pressed	
EMER STORES JETTISON frangible cover	Open/closed	
EMER STORES JETTISON (PANIC) button	Pressed/ not pressed	PANIC: pressed 

ANTI SKID switch	Parking brake/ anti-skid/ off	ANTI-SKID: parking/ anti-skid /off	
BRAKES CHANNEL switch	CHAN 1 / CHAN 2	BRAKES: CHAN 1 / CHAN 2	
GROUND JETT switch	Enable/off	GND JETT: enable /off	
Stores config switch	CAT 1 / CAT 3	STORES CONFIG: CAT 1 / CAT 3	
Horn silencer button	Pressed/ not pressed		
Lights switch	Landing/taxi/ off		
R wheel light	Illuminated/ Not illuminated		
L wheel light	Illuminated/ Not illuminated		
Nose wheel light	Illuminated/ Not illuminated		

Landing gear handle	Up/down	LG handle: Up / Down	
Landing gear handle light	Illuminated/ Not illuminated		
LG Handle Down Permission Button	Pressed/ not pressed		
Speed break indicator	Closed/ dots pattern/ lines pattern - Diagonals (no power)		
CHAFF /FLARE dispense button	Pressed/ not pressed	(On the right sidewall above the throttle)	

CMDS control panel ▪ Left auxiliary			
System status display	NO GO / GO (display)		
DISPENSE /RDY display	Dispense/ RDY (display)		
RWR switch	On/off		
JMR switch	On/off		
MWS switch	On/off		
Inventory display			
01 switch	On/off		
02 switch	On/off		

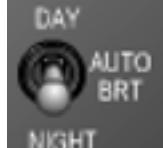
CHAFF switch	On/off		
FLARE switch	On/off		
JETT switch	On/off	Flares JETT: ON	
PRGM selector	BIT/1/2/3/4		
MODE selector	Off/stby/ man/semi/ auto/ byp		
ALT GEAR	■ Left auxiliary		

Alt gear handle	Pulled/ not pulled	Alt Gear Handle: pulled/ not pulled	 
Alt gear reset button	Pressed/ not pressed		
HMCS panel ■ Left auxiliary			
Symbology int knob	Moved/ not moved (OFF to INC)		
RF switch	Norm/quiet/ silent		
Stick			 
NWS A/R DISC MSL STEP button	Pressed/ not pressed		

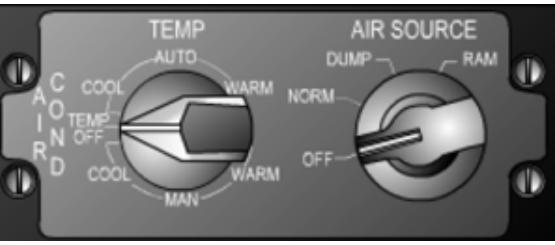
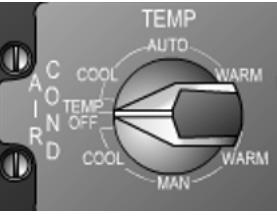
Trim button	Fwd/aft/left/right		
Display management switch (DMS)	Fwd/aft/left/right		
Target management switch (TMS)	Fwd/aft/left/right		
Countermeasures management switch (CMS)	Fwd/aft/left/right		
Expand/FOV Button	Pressed/ not pressed		 No need to show on graphics
Paddle switch	Pressed/ not pressed		 No need to show on graphics
Camera/gun trigger	Pressed/ not pressed		
WPN REL button	Pressed/ not pressed	WPN REL: pressed	

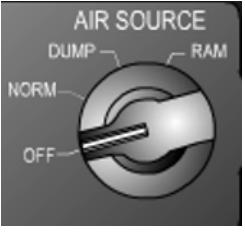
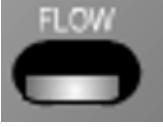
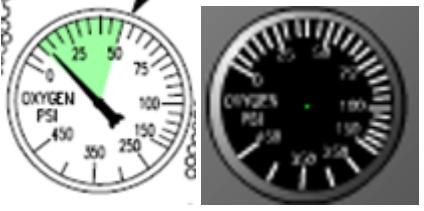
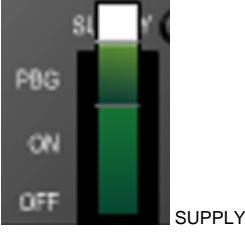
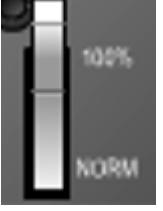
Throttle			 
Throttle cutoff release	Pressed/ not pressed		
COMM transmit switch	Fwd/aft/left/ Right (momentary)		
MAN RNG/ uncage knob /switch	Pressed/ not pressed Rotated/ not rotated		
ANT ELEV knob	Rotated/ not rotated		
Dogfight switch	Dogfight (outboard)/ center/ Missile override (inboard)	DGFT: Dogfight/ Missile OVRD	

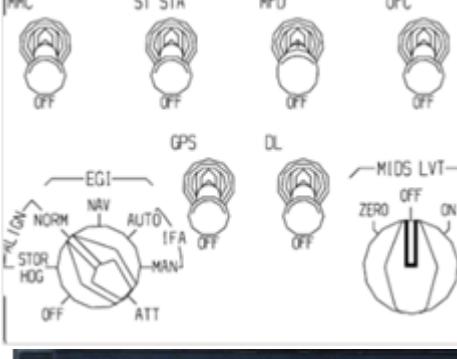
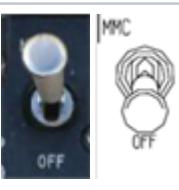
SPEED BREAK switch	Open (aft) momentary/ center/ close (forward)	SPD BRK: open/ close	
RDR CURSOR/ ENABLE switch	Pressed/ not pressed		
Throttle movement	THROTTLE: Idle (mil or off to idle) THROTTLE: Off (to off) THROTTLE: Mil (AB or idle to mil) THROTTLE: AB (to AB)	THROTTLE: Idle (mil or off to idle) THROTTLE: Off (to off) THROTTLE: Mil (AB or idle to mil) THROTTLE: AB (to AB)	 No need for graphics - log indication only
SNSR PWR panel ▪ Right console			
L HDPT switch	On/off	L HDPT: on/off	
R HDPT switch	On/off	R HDPT: on/off	
FCR switch	On/off	FCR: on/off	
RDR ALT switch	On/stby/off	RDR ALT: on /stby/ off	

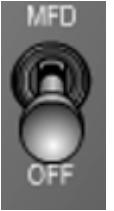
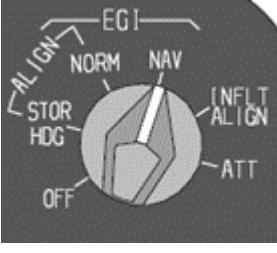
HUD control panel ▪ Right console			
Scales switch	VV/VAH VAH / OFF		
FPM switch	ATT/FPM FPM / OFF		
DAD DATA switch	DED data/ PFL /off		
DEPR RET switch	STBY/PRI/OFF		
Velocity switch	CAS/TAS/ GND SPEED	Velocity: GND Speed/ CAS/ TAS	
ALT switch	RADAR/BARO/ Auto	ALT: Radar/ BARO/ auto	
Brightness control switch	Day/Auto/ Night		
TEST switch	Step/On/Off		

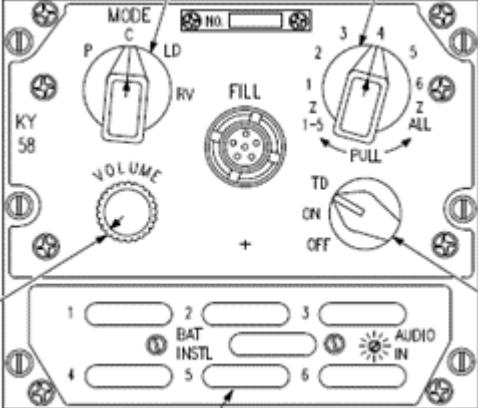
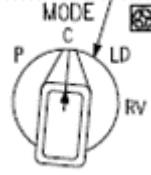
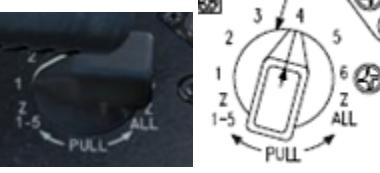
PLAIN cipher switch	Card 1/ Card 2 ■ Right console		 
ZEROIZE guard	Open/closed ■ Right console		
ZEROIZE switch	OFP/OFF/ DATA	ZEROIZE: OFP/OFF/ DATA	
Voice message switch	Voice message/ Inhibit ■ Right console		
Interior lighting	■ Right console		
Primary consoles Knob	Moved/ not moved		

Primary INST PNL Knob	Moved/ not moved		
Data entry display Knob	Moved/ not moved		
MAL & IND LTS Intensity Switch	BRT/ DIM		
Flood INST PNL Knob	Moved/ not moved		
Flood consoles Knob	Moved/ not moved (Off to high INT)		
NVIS Switch	NVIS/ARM/ Norm LTG		
AIR COND panel ■ Right console			
TEMP selector	Off/cool/ auto/warm	TEMP: Off/cool/ auto/warm	

AIR SOURCE selector	Off/norm/ dump/ram	AIR SOURCE: off /norm/ dump/ram	
Oxygen panel ▪ Right console			
Oxygen flow indicator	Black/white		
Oxygen supply indicator			
Supply mode lever	PBG/on/off		
Duliter lever	Norm/100%	OXY Duliter: norm/100%	
Emergency lever	Norm/ emergency/ test mask	OXY Emergency: Norm/ emergency/ test mask	

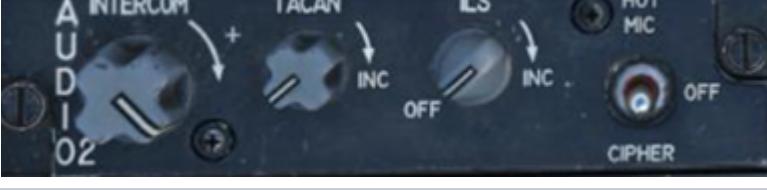
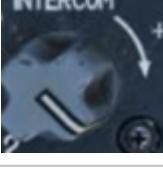
ANT SEL			
ANT SEL IFF switch	Upper/norm/ lower		
ANT SEL UHF switch	Upper/norm/ lower		
Anti Ice	On/auto/off	ANTI ICE: on/auto/off	
Avionics power panel			 
MMC switch	MMC (on)/ off	MMC: MMC (on)/ off	

ST STA switch	ST STA (on)/ off	ST STA: ST STA (on)/ off	
MFD switch	MFD (on)/ off	MFD: MFD (on)/ off	
UFC switch	UFC (on)/ off	UFC: UFC (on)/ off	
EGI knob	OFF/ STOR HDG/ NORM/ NAV/ ALIGN/ ATT	EGI: OFF/ STOR HDG/ NORM/ NAV/ ALIGN/ ATT	
GPS switch	GPS (on)/ off	GPS: GPS (on)/ off	
DL switch	DL (on)/ off	DL: DL (on)/ off	
MIDS LVT knob	Zero/off/on		

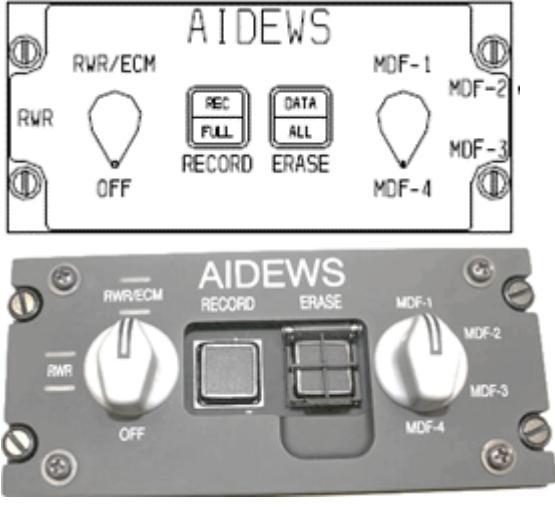
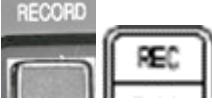
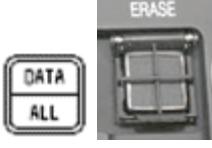
<p>K-58 (Secure voice control) panel</p> <ul style="list-style-type: none"> ■ Right console 		 
Mode knob	P/C/LD/RV	
Fill knob	Z 1-5/ 1/2/3/ 4/5/6/ Z ALL	
Power Knob	TD/ON/OFF	
Volume knob	Moved/not moved	
Scratchpad		

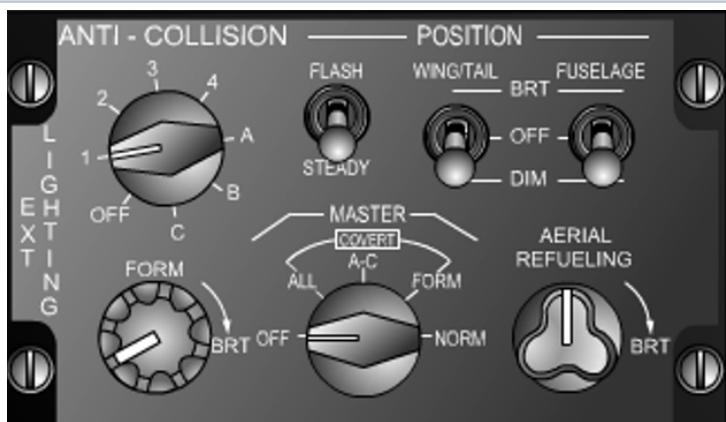
Fill port			
Manual pitch override (MPO) ■ Left console	Norm/OVRD Spring-loaded to norm	MPO: Norm/ OVRD	
Radio backup control panel ■ Left console			
Display			
Keypad	Each key – pressed/not pressed		
Squelch/Acknowledge Switch	OFF/SQL/ACKN		
Take button	Pressed/ not pressed		
Mode knob	ZERO/OFF/TR/TR+G/ADF/GD/SET		

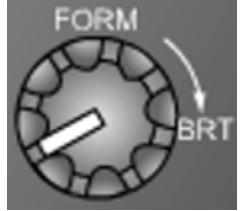
Volume knob	Moved/ not moved		
SQL Led indicator	Illuminated/ Not illuminated		
OR Led indicator	Illuminated/ Not illuminated		
GO Led indicator	Illuminated/ Not illuminated		
TX Led indicator	Illuminated/ Not illuminated		
FILL Port (connector)			
AUDIO 1 control panel ▪ Left console			
COMM 1 knob	Moved/ not moved		
COMM 2 knob	Moved/ not moved		
Secure voice knob	Moved/ not moved		
MSL knob	Moved/ not moved		

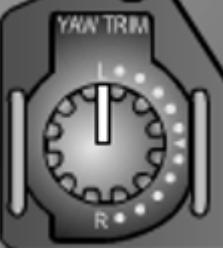
Comm 1 SQL selector	OFF/SQL/GD	COMM 1: OFF/SQL/ GD	
Comm 2 SQL selector	OFF/SQL/GD	COMM 2: OFF/SQL/ GD	
TF knob	Moved/ not moved		
Threat knob	Moved/ not moved		
AUDIO 2 control panel ■ Left console			
Intercom knob	Moved/ not moved		
TACAN knob	Moved/ not moved		
ILS knob	Moved/ not moved/ off		
Hot mic switch	Hot mic/off/ cipher		

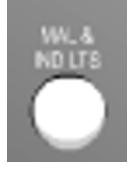
ENG & JET start control panel ▪ Left console			
JFS RUN light	Illuminated/ not illuminated		
JFS start switch	Start 1/off/ start 2	JFS: Start 1 /off /start 2	
ENG CONT guard	Opened/ closed		
ENG CONT switch	SEC/PRI	ENG CONT: SEC/ PRI	
AB RESET switch	AB reset/ norm/ ENG data	AB RESET: AB reset/ norm/ ENG data	

MAX POWER switch	Max power/ off	MAX POWER: max power/ off	
			MAX POWER instead of COMBAT OFF instead of NORMAL
AIDEWS primary control panel ■ Left console			
Record button	Pressed/ not pressed		
Rec label light	Illuminated green/ illuminated yellow/ not illuminated		 (illuminated green/yellow)
Full label light	Illuminated (red)/ not illuminated		 (illuminated red)
Erase button safety cover	Opened/ closed		
Erase button	Pressed/ not pressed		
ALL label light	Illuminated (red)/ not illuminated		
DATA label			

RWR knob	RWR/ECM / RWR/OFF		
MDF knob	MDF-1/ MDF-2/ MDF-3/ MDF-4		
DVR control panel ■ Left console			
Video select knob	HUD/HMD		
Event mark switch	Event mark/ record/ off		
EXT lighting control panel ■ Left console			

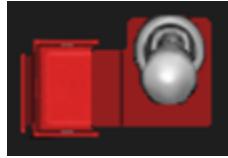
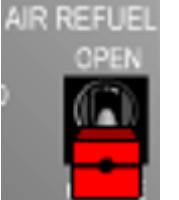
Anti collision knob	1/2/3/4/A/B/C		
Flash/steady switch	Flash/steady		
wing/tail switch	BRT/OFF/DIM		
Fuselage switch	BRT/OFF/DIM		
Aerial refueling knob	Moved/ not moved		
Form knob	Moved/ not moved		
Master knob	Off/ all/ A-C/ form/ norm		

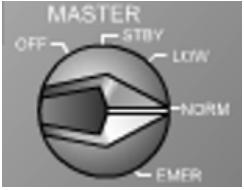
Manual trim panel ■ Left console			
ROLL TRIM knob	Moved/ not moved (L wing to R wing)		 
TRIM/AP DISC switch	Norm/disc		
YAW TRIM knob	Moved/ not moved (L to R)		
PITCH TRIM knob	Moved/ not moved (nose up to nose down)		 

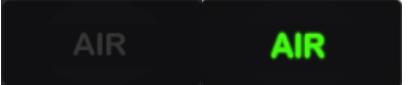
ANTI G test button	Pressed/ not pressed ■ Left console	Anti G test: pressed	
TEST switch panel	■ Left console		
FIRE & OVERHEAT DETECT button	Pressed/ not pressed	FIRE & OVERHEAT DETECT: pressed	
OBOGS BIT switch	Bit/off	OBOGS BIT: bit/off	
MAL & IND LTS button	Pressed	MAL & IND LTS: pressed	
PROBE HEAT switch	Probe heat/ off/test	PROBE HEAT: probe heat /test/off	
EPU/GEN test switch	EPU/GEN / off Spring-loaded to off	EPU/GEN TEST: Epu/gen / off	

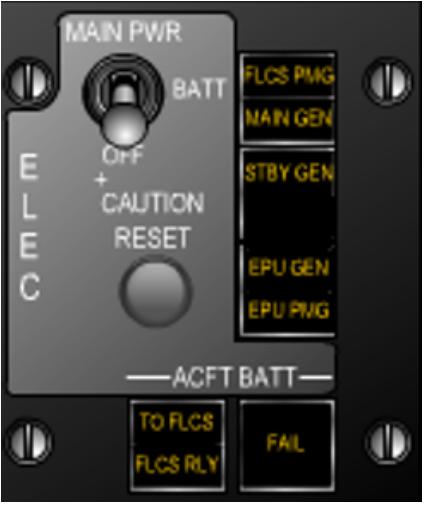
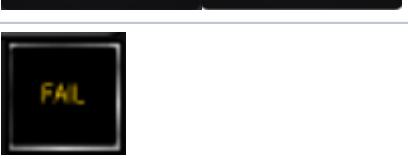
FLCS PWR A light	Illuminated/ not illuminated		
FLCS PWR B light	Illuminated/ not illuminated		
FLCS PWR C light	Illuminated/ not illuminated		
FLCS PWR D light	Illuminated/ not illuminated		
FLCS PWR TEST switch	Test/norm /mint	FLCS PWR TEST: Test/norm/ mint	
DEFOG lever ■ Left console	Moved/ not moved /MIN/ MAX (From min to max)		
F LT control panel ■ Left console			

DIGITAL BACKUP switch	Backup/off	DBU: backup/off	
ALT FLAPS switch	Extend/norm	ALT FLAPS: extend/ norm	
MANUAL TF FLYUP switch	Disable/ enable		
FLCS RUN light	Illuminated/ not illuminated		
FLCS FAIL light	Illuminated/ not illuminated		
LE FLAPS switch	Lock/auto	L FLAPS: lock/auto	
FLCS RESET switch	Reset/off Spring-loaded to off	FLCS RESET: reset/off	
BIT switch FLCS	Bit/off lever-locked in OFF and solenoid held in BIT (returns automatically to off as the bit ends)	FLCS BIT: bit/off	

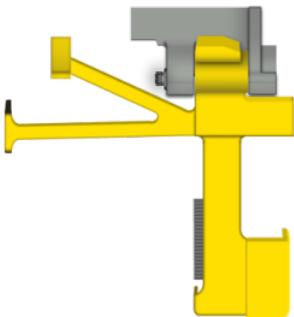
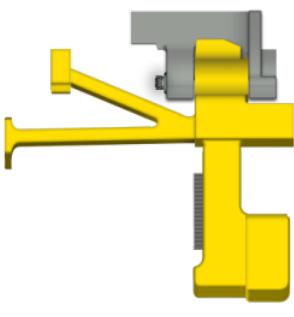
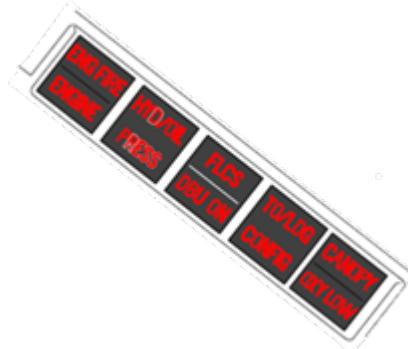
Fuel control panel ■ Left console			
FUEL MASTER guard	Opened/ closed		
FUEL MASTER switch	Master/off	FUEL MASTER: master/off	
TANK INERT switch	Tank inerting / off	TANK INSERT: tank inerting/ off	
ENG FEED selector	Off/norm/aft/ fwd	ENG FEED: off /norm/ aft/fwd	
AIR REFUEL switch	Opened/ closed	AIR REFUEL: opened/ closed	
IFF control panel ■ Left console			

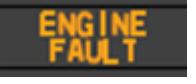
Master IFF selector	Off/ STBY/ Low/ norm/ EMER		
M-4 code switch	Zero/ A/B / hold		
C & I selector	Back-up/ UFC	C & I: Back-up/ UFC	 C&I instead of CNI
Enable switch	M3/MS / OFF/ M1/M3		
Mode 1 + 3 selector levers	Pressed/ not pressed		
Mode 4 reply switch	B/A/OUT		
Mode 4 audio monitor switch	Audio/out		

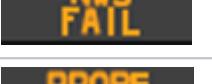
EPU control panel ■ Left console			
HYDRAZIN light	Illuminated/ not illuminated		
AIR light	Illuminated/ not illuminated		
EPU RUN light	Illuminated/ not illuminated		
EPU guard	Open/ closed		 closed
EPU switch	On / norm / off	EPU: On/ Norm/ Off	

ELEC control panel ▪ Left console			
MAIN PWR switch	Main power/ BATT / Off	MAIN PWR: Main power/ BATT/ Off	
CAUTION RESET button	Pressed/ not pressed	CAUTION RESET: pressed	
FLCS PMG light	Illuminated/ not illuminated		
MAIN GEN light	Illuminated/ not illuminated		
STBY GEN light	Illuminated/ not illuminated		
EPU GEN light	Illuminated/ not illuminated		
EPU PMG light	Illuminated/ not illuminated		
BATT FAIL light	Illuminated/ not illuminated		
TO FLCS light	Illuminated/ not illuminated		

FLCS RLY light	Illuminated/ not illuminated		
Brakes			
Right Brake	pushed / not pushed		
Left Brake	pushed / not pushed		
Ejection seat ▪ Instrument panel			
Ejection handle	Pulled/ not pulled	Ejection handle: pulled	
Emergency manual chute handle	Pulled/ not pulled		
Emergency oxygen green ring	Pulled/ not pulled		
Ejection Safety Lever	Up (disarmed)/ down (armed)		
RADIO BEACON Switch	Auto/man		

Canopy handle (left sidewall)	open/closed	CANOPY HANDLE: Up/Down	 closed
			 opened
Canopy switch	Up/center/ down (spring-loaded to center from down position)		 
Canopy jettison handle-T ■ Left console	Pulled/ not pulled	Canopy T handle: pulled	
Canopy jettison button (R/L)	Pressed/ not pressed		
Right glare shield ■ Instrument panel			

ENG FIRE glare shield light	Illuminated/ Not illuminated		
ENGINE glare shield light	Illuminated/ Not illuminated		
HYD/OIL PRESS glare shield light	Illuminated/ Not illuminated		
FLCS glare shield light	Illuminated/ Not illuminated		
DBU ON glare shield light	Illuminated/ Not illuminated		
TO/LDG CONFIG glare shield light	Illuminated/ Not illuminated		
CANOPY glare shield light	Illuminated/ Not illuminated		
OXY LOW glare shield light	Illuminated/ Not illuminated		
Caution light panel	■ Right auxiliary		
FLCS fault caution light			
Engine fault caution light			
Avionics fault caution light			
Seat not armed caution light			

ELEC SYS caution light	Illuminated/ Not illuminated		
SEC caution light	Illuminated/ Not illuminated		
Equip hot caution light	Illuminated/ Not illuminated		
NWS fail caution light	Illuminated/ Not illuminated		
Probe heat caution light	Illuminated/ Not illuminated		
Fuel/oil hot caution light	Illuminated/ Not illuminated		
Radar alt caution light	Illuminated/ Not illuminated		
Anti skid caution light	Illuminated/ Not illuminated		
CADC caution light	Illuminated/ Not illuminated		
Inlet icing caution light	Illuminated/ Not illuminated		
IFF caution light	Illuminated/ Not illuminated		
Hook caution light	Illuminated/ Not illuminated		
Stores config caution light	Illuminated/ Not illuminated		
Overheat caution light	Illuminated/ Not illuminated		
OBOGS caution light	Illuminated/ Not illuminated		
ATF not engaged caution light	Illuminated/ Not illuminated		
Cabin press caution light	Illuminated/ Not illuminated		
FWD fuel low caution light	Illuminated/ Not illuminated		
AFT fuel low caution light	Illuminated/ Not illuminated		

switches and knobs

