

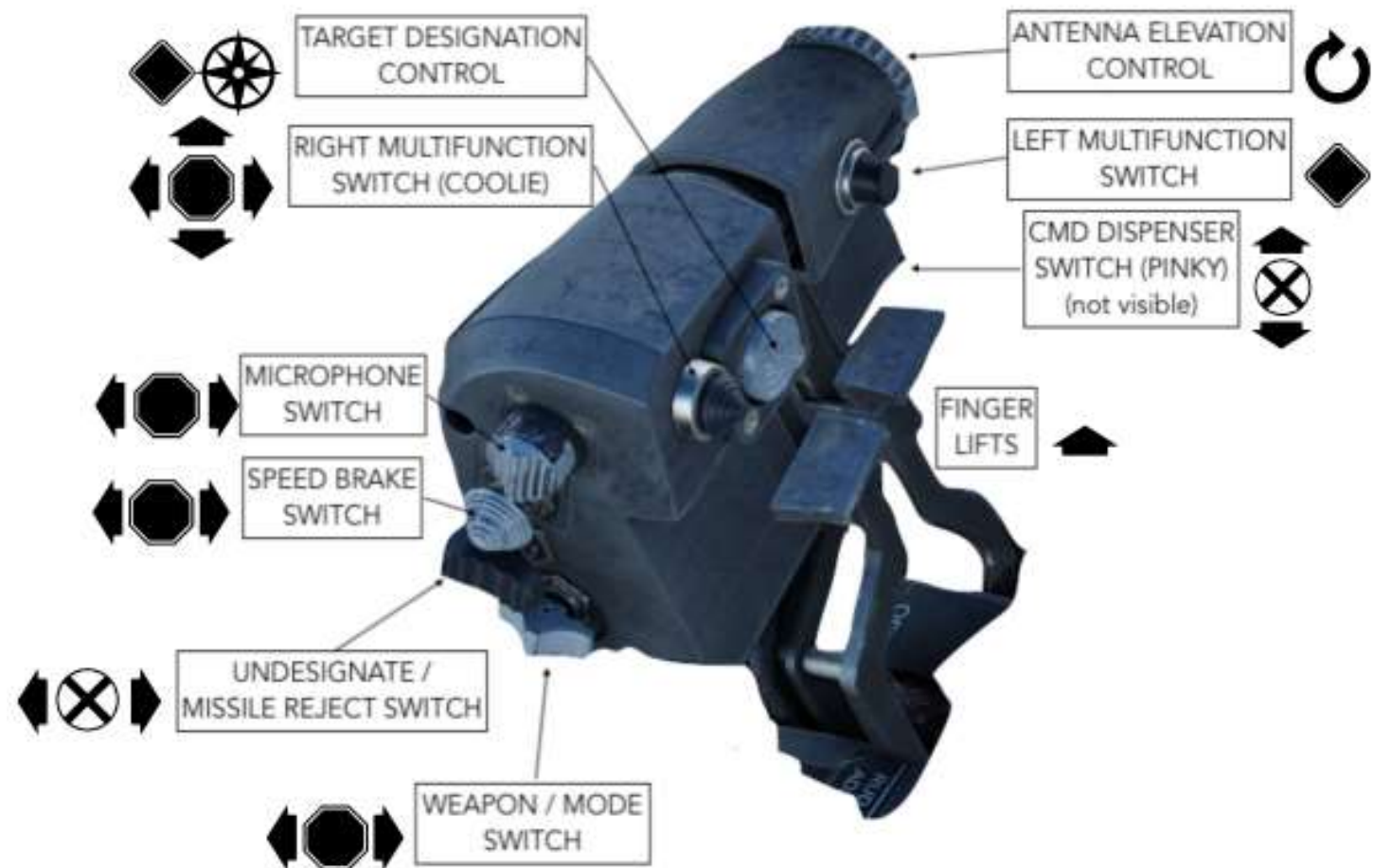
Front Stick

Front Stick

| Switch | Direction | Action | [0] Non-functional features in EA marked with Strikethrough [1] If A/G with TPOD HUD BS and no target, designates on HUD LoS [2] Short Press AFTER Castle PRESS Short [3] Taking command a second time in A/G mode sets TPOD HUD BS [4] With Coolie Down simultaneously [5] With Master Caution Held Simultaneously [6] Pattern Steering Line Enable/Disable when cursor function target | | | | | |
|--|------------------------|------------------------|---|-------------------------|---------------------------------------|----------------------------|-------------------------------------|---------------------|
| Trigger | 1 st Detent | VTR | | | | | | |
| | 2 nd Detent | Fire Gun | | | | | | |
| Weapon Release | PRESS | Weapon Release [1] | | | | | | |
| Trim | Fore/Aft/Left/Rright | Flight Control Trim | | | | | | |
| | PRESS | CMD MAN 1 | | | | | | |
| NWS Button | Direction | Weight on Wheels | AIM-9 | | | | | |
| | PRESS | HOLD: NWS Hi | Cage/Uncage | | | | | |
| AP/Steering Disengage (Paddle) | Direction | Weight on Wheels | Autopilot | Manual TF | Auto TF | | | |
| | PRESS | Stop AFCS Bit | AP Disengage | Reset Flyup | AP Disengage | | | |
| | HOLD | NWS Disengage | | AP Disengage | Revert to Manual TF | | | |
| Castle | Direction | Short | Long | Take Command Enable [2] | Look Into Turn Enable [4] | Caution Control Enable [5] | | |
| | FWD | A/A or A/G Master Mode | | Take Command HUD [3] | Look Down | | | |
| | AFT | Scroll MPCD | Take Command MPCD | Take Command MPCD | Look Up | MPCD | | |
| | LEFT | Scroll L MPD | Take Command L MPD | Take Command L MPD | Look L | L MPD | | |
| | RIGHT | Scroll R MPD | Take Command R MPD | Take Command R MPD | Look R | R MPD | | |
| | PRESS | Take Command Enable | | | | | | |
| Auto Acquisition Switch/ Air Refueling Release | Direction | HUD | TSD | A/A Radar | RBM | HRM | TPOD | AAR |
| | FWD | | Smaller Cue | See A/A Chart 1 [7] | Smaller Window | | SHORT: FoV Toggle LONG: Snowplow | |
| | AFT | A/G: Auto/CDIP | Larger Cue | | Larger Window/ PSL Enable/Disable [6] | | SHORT: Return to Cue LONG: STAB | |
| | PRESS | | Return to PP Map | | Mode Reject | | Track/Untrack | AAR Probe Disengage |

[7] A/A Chart 1

| Switch | Direction | Search | STT | 2TWSH | 4TWSH | 3HDT | 2HDT | Narrow | AIM-7 |
|----------|-----------|------------------|-------|-------|-------|-------|------|--------|------------|
| Auto Acq | FWD Short | SS or BST | 3HDT | | | 4TWSH | 3HDT | | |
| | FWD Long | LR BST | 2HDT | | | | | | VS BST |
| | AFT Short | VTS | 2TWSH | STT | | | | | |
| | AFT Long | | | | | | | | HPRF Flood |
| | PRESS | Return to Search | | | | | | | |

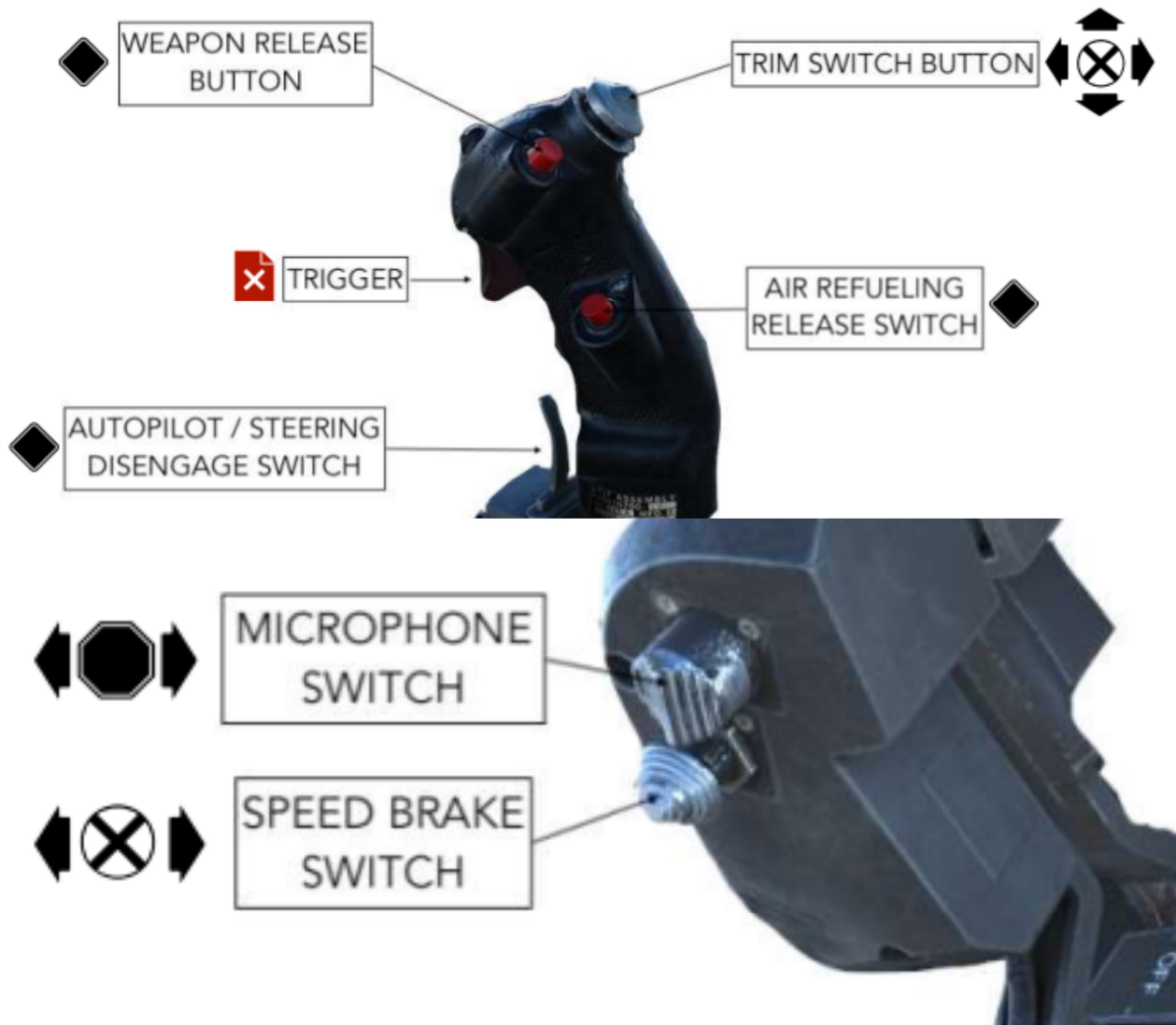
Front Throttle

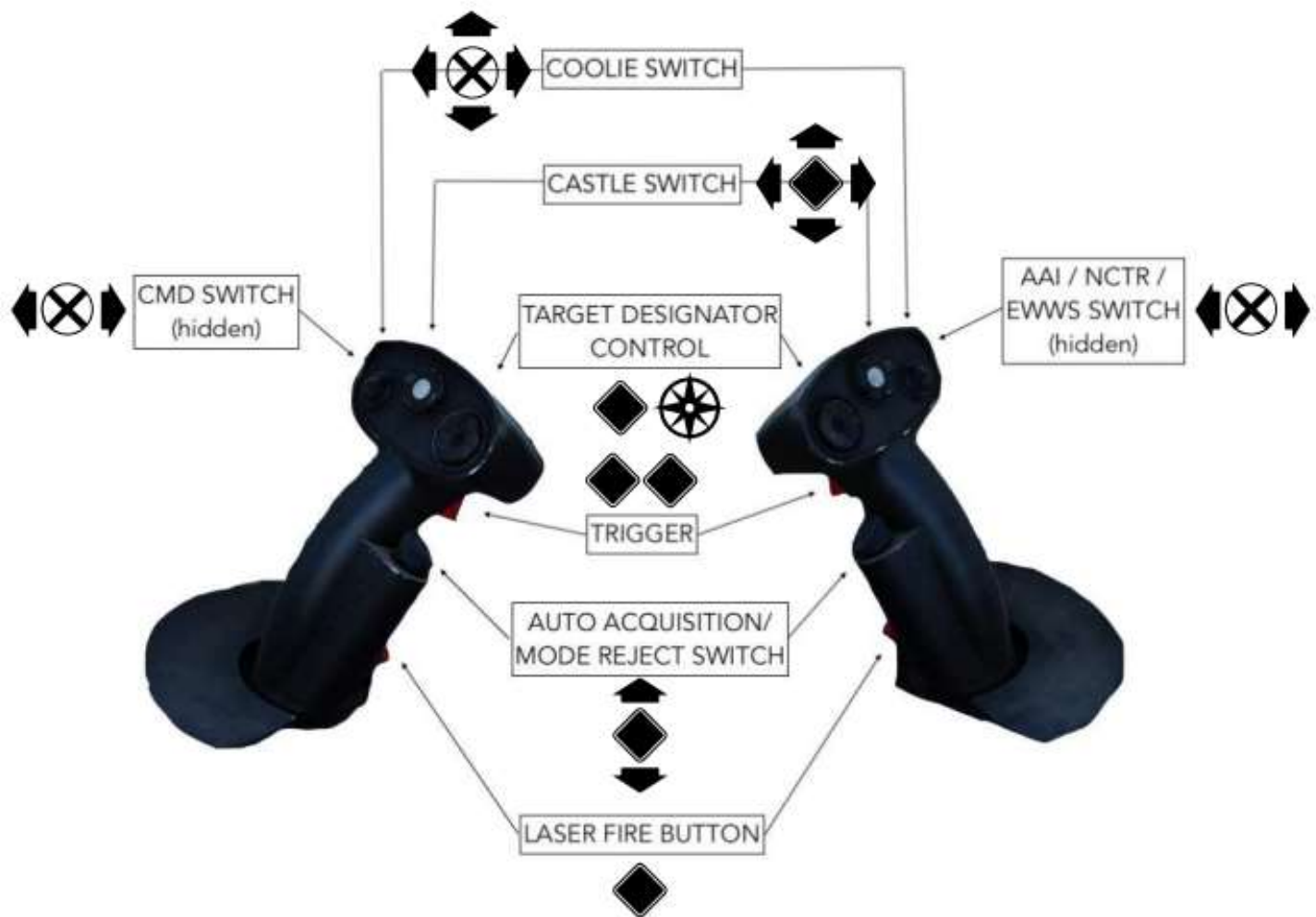
Front Throttle

| Switch | Direction | Action | [4] With Castle Simulataneously [8] Must be In Command of HUD in A/G, NAV, or INST [9] A/A Chart 2 below | | | | | | | |
|--|-----------|---|--|------------------------|---------------------|----------------------------|--|--|-------------------------|------------------|
| Mic | FWD | Tx Radio 1/3 | | | | | | | | |
| | AFT | Tx Radio 2 | | | | | | | | |
| Speed Brake | FWD | Retract | Switch | Direction | Action | | | | | |
| | CENTER | Hold | | | | | | | | |
| | AFT | Extend | | | | | | | | |
| Weapon/ Mode Switch (China) | FWD | MRM | | TDC | PRESS | | | SHORT: Miniraster LONG: Search Sort | | |
| | CENTER | SRM | | | Direction | | | RWS | 3HDT/ 2HDT/ 4TWSH | 2TWSH/ Narrow |
| | AFT | Guns | | | Azimuth Bump | | | Wide/Narrow | 2TWSH | 4TWSH |
| Undesignate/ Missile Reject (Boat) | FWD | Missile Reject | | | | | | | | |
| | AFT | Undesignate | | | | | | | | |
| Antenna Elevation Wheel | ROTATE | Elevation Rate Control | | | | | | | | |
| CMD (Pinky) | UP | CMD MAN 2 | | | | | | | | |
| | DOWN | CMD MAN 1 | | | | | | | | |
| Left Multifunction Switch | Direction | HUD | TSD | SRM | RBM/HRM | TPOD | | | | |
| | PRESS | Cage/Unengage VV [8] | Track/ Untrack | Manual SBR | Freeze/ Unfreeze | Laser Fire/ Stop Firing | | | | |
| Coolie | Direction | A/A Radar | A/A Gun | RBM/HRM/ TPOD/TSD | | | | | | |
| | UP | Quick Step | LCOS/GSD | Quick Step | | | | | | |
| | DOWN | Missile BS/ Gun Sight Stiffen/ Look Into Turn Enable [4] | | | | | | | | |
| | RIGHT | HOLD: NCTR | | | | | | | | |
| | LEFT | HOLD: IFF Interrogate | | | | | | | | |
| TDC | Direction | Nav or A/G HUD | TSD | A/A Radar | RBM/HRM/ TPOD | Nav Pod | | | | |
| | Slew | Slew | Slew | See A/A Chart 2 [9] | Slew | | | | | |
| | PRESS | Designate | Cue | | Cursor Function | | | | | |

WSO Stick and Throttle

| Switch | Direction | Action | [10] The WSO Speed Brake switch is spring centered | | |
|--------------------------------|------------------|---|--|------------------|----------------|
| Trim | F/A/L/R | Flight Control Trim | | | |
| Weapon Release | PRESS | Weapon Release | | | |
| AAR Disengage | PRESS | AAR Disengage | | | |
| AP/Steering Disengage (Paddle) | Direction | Weight on Wheels | Autopilot | Manual TF | Auto TF |
| | PRESS | Stop AFCS Bit | AP Disengage | Reset Flyup | AP Disengage |
| | HOLD | NWS Disengage | | AP Disengage | Manual TF |
| Mic | FWD | Tx Radio 1/3 | | | |
| | AFT | Tx Radio 2 | | | |
| Speed Brake | FWD | Retract | | | |
| | CENTER [10] | Speed Brake Follows Front Cockpit Command | | | |
| | AFT | Extend | | | |



WSO Hand Controllers

WSO Hand Controllers

| Switch | Direction | Action | <div>[5] With Master Caution Held Simultaneously [7] See A/A Chart 1 on page 2 [9] See A/A Chart 2 on page 4 [11] With Trigger Half-Action [12] When Cursor Function Target</div> | | | |
|---------------|-------------|--------------------------------------|---|---|-------------|--|
| CMD | FWD | CMD MAN 1 | | | | |
| | AFT | CMD MAN 2 | | | | |
| AAI | FWD | HOLD: IFF Interrogate | | | | |
| | AFT | HOLD: NCTR | | | | |
| Coolie | UP | Scroll MPD | | | | |
| | DOWN | Scroll MPCD | | | | |
| | LEFT | Take Command L/ Move Cautions [5] | | | | |
| | RIGHT | Take Command R/ Move Cautions [5] | | | | |
| Laser Fire | Direction | AIM-9 | RBM/HRM | TPOD | | |
| | PRESS | SBR | Freeze/Unfreeze | Laser Fire | | |
| Castle | Direction | TSD | A/A Radar | RBM | HRM | TPOD |
| | FWD | Decrease Map Scale | MRM Search | Cursor Map | | SHORT: White/Black/Auto Track LONG: Black/White Hot |
| | AFT | Increase Map Scale | SRM Search | Cursor Target | | |
| | LEFT | Toggle Radar/FLIR Cue | Undesignate | Cursor Cue/Mark | | SHORT: Cursor Cue/Mark LONG: Handoff Initiate STA 2 |
| | RIGHT | | Missile Reject | Cursor Update | | SHORT: Cursor Update LONG: Handoff Initiate STA 8 |
| | PRESS | Sequence Point Select | Quick Step | Sequence Point Select | | |
| TDC | Slew | Slew | Slew [9]/ Elevation Control [11] | Slew/ Elevation Control [11] | Slew | |
| | PRESS | | | | Expand [11] | Toggle ATRK/PTRK |
| Auto Acq [12] | FWD | Smaller Cue | See A/A Chart 1 [7] | Smaller Window/ PPI Range [11] | | SHORT: FoV Toggle LONG: Snowplow |
| | AFT | Larger Cue | | Larger Window/ PPI Range [11]/ PSL Enable [12] | | SHORT: Return to Cue LONG: STAB |
| | PRESS | Return to PP Map | | Mode Reject/ PSL Undesignate [12] | | Undesignate |
| Trigger | Half-Action | Track/Untrack | Elevation Control/ PPI Range Change/ Expand Enable [11] | | | Track/Untrack |
| | Full-Action | Cue | Designate | Cursor Function | | |

Changelog

| Date | Version | |
|-------------|---------|---|
| 25 Jun 2023 | 0.1 | Initial Version |
| 25 Jun 2023 | 0.2 | Renamed previous version from 1.0 to 0.1 Custom A/A Charts (including removing A/A Chart 3) Cleared empty pages Changed button names to conform to given diagrams Removed highlight from empty cells |
| 25 Jun 2023 | 0.3 | Changed more button names to conform to diagrams Added note about WSO A/A TDC depress no action Reorganized A/A Chart 1 |
| 26 Jun 2023 | 1.0 | Initial public release Added note regarding EA status Added note about Take Command Enable on front Castle |
| 26 Jun 2023 | 1.1 | Initial kneeboard release (not pretty but it works) |
| 26 Jun 2023 | 1.2 | Renamed several button actions from DOWN to PRESS |
| 26 Jun 2023 | 2.0 | Added Portrait orientation. Kneeboards are now Portrait Removed redundant AIM-7 Auto Acq binds Simplified A/A Chart 2 and RBM/HRM/TPOD TDC |
| 4 July 2023 | 2.1 | Added Strikethrough to non-functional items Simplified WSO Trigger Half-Action and Cursor Function Target Notes Another DOWN command renamed to PRESS Clarified PSL Enable/Disable Added notes about A/G HUD Designation Reorganized Changelog and Notes |
| 8 Dec 2023 | 2.2 | Discontinued Landscape Version due to redundancy Updated WSO Castle Binds Updated TGP Auto Acq Binds Updated EA Non-Functional Features |
| 3 Jan 2024 | 2.3 | Added WSO TDC Depress ATRK/PTRK Toggle (Thanks Stryker990!) |