|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| 10 | 9 | 8 | | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|  |  | SPS-141 | |  |  |  | SPS-141 |  |  |  |
| R-60M |  |  | |  |  |  |  |  |  | R-60M |
|  | FAB-100 | FAB-100 | | FAB-100 | FAB-100 | FAB-100 | FAB-100 | FAB-100 | FAB-100 |  |
|  | FAB-250 | FAB-250 | | FAB-250 | FAB-250 | FAB-250 | FAB-250 | FAB-250 | FAB-250 |  |
|  | FAB-500 M62 | FAB-500 M62 | | FAB-500 M62 | FAB-500 M62 | FAB-500 M62 | FAB-500 M62 | FAB-500 M62 | FAB-500 M62 |  |
|  | BetAB-500 | BetAB-500 | | BetAB-500 | BetAB-500 | BetAB-500 | BetAB-500 | BetAB-500 | BetAB-500 |  |
|  | BetAB-500 ShP | BetAB-500 ShP | | BetAB-500 ShP | BetAB-500 ShP | BetAB-500 ShP | BetAB-500 ShP | BetAB-500 ShP | BetAB-500 ShP |  |
|  | AO-2.5RT | AO-2.5RT | | AO-2.5RT | AO-2.5RT | AO-2.5RT | AO-2.5RT | AO-2.5RT | AO-2.5RT |  |
|  | PTAB-2.5KO | PTAB-2.5KO | | PTAB-2.5KO | PTAB-2.5KO | PTAB-2.5KO | PTAB-2.5KO | PTAB-2.5KO | PTAB-2.5KO |  |
|  | RBK-250 PTAB-2.5M | RBK-250 PTAB-2.5M | | RBK-250 PTAB-2.5M | RBK-250 PTAB-2.5M | RBK-250 PTAB-2.5M | RBK-250 PTAB-2.5M | RBK-250 PTAB-2.5M | RBK-250 PTAB-2.5M |  |
|  | RBK-500 PTAB-10-5 | RBK-500 PTAB-10-5 | | RBK-500 PTAB-10-5 | RBK-500 PTAB-10-5 | RBK-500 PTAB-10-5 | RBK-500 PTAB-10-5 | RBK-500 PTAB-10-5 | RBK-500 PTAB-10-5 |  |
|  | RBK-500U PTAB-1M | RBK-500U PTAB-1M | | RBK-500U PTAB-1M | RBK-500U PTAB-1M | RBK-500U PTAB-1M | RBK-500U PTAB-1M | RBK-500U PTAB-1M | RBK-500U PTAB-1M |  |
|  | SAB-100 | SAB-100 | | SAB-100 | SAB-100 | SAB-100 | SAB-100 | SAB-100 | SAB-100 |  |
|  |  |  | | SPPU-22-1 | SPPU-22-1 | SPPU-22-1 | SPPU-22-1 |  |  |  |
|  | S-25L | S-25L | | S-25L | S-25L | S-25L | S-25L | S-25L | S-25L |  |
|  |  | Kh-25ML | | Kh-25ML |  |  | Kh-25ML | Kh-25ML |  |  |
|  |  |  | |  | Kh-29L | Kh-29L |  |  |  |  |
|  | S-5KO | S-5KO | | S-5KO | S-5KO | S-5KO | S-5KO | S-5KO | S-5KO |  |
|  | S-8KOM | S-8KOM | | S-8KOM | S-8KOM | S-8KOM | S-8KOM | S-8KOM | S-8KOM |  |
|  | S-8OFP2 | S-8OFP2 | | S-8OFP2 | S-8OFP2 | S-8OFP2 | S-8OFP2 | S-8OFP2 | S-8OFP2 |  |
|  | S-13OF | S-13OF | | S-13OF | S-13OF | S-13OF | S-13OF | S-13OF | S-13OF |  |
|  | S-24B | S-24B | | S-24B | S-24B | S-24B | S-24B | S-24B | S-24B |  |
|  | S-25OFM | | S-25OFM | S-25OFM | S-25OFM | S-25OFM | S-25OFM | S-25OFM | S-25OFM |  |
|  | S-8TsM | S-8TsM | | S-8TsM | S-8TsM | S-8TsM | S-8TsM | S-8TsM | S-8TsM |  |
|  |  | 800 l TANK | |  | 800 l TANK | 800 l TANK |  | 800 l TANK |  |  |
| **GUN:** 30x165 mm **GSh-30-2**auto cannon | | | | | | | | | | |



① Master Mode Control Button (Hidden)

⑧ Trim Switch

② Weapon Release Button

⑨ Data Management Switch (DMS)

③ Target Management Switch (TMS)

④ Trigger

⑤ Countermeasures Switch (CMS)

⑥ Nosewheel Steering Button (NWS)

⑦Paddle Switch (Modifier)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Direction** | **Action** | **Keyboard Command** | **Modified Action** | **Keyboard Command** |
| ① Master Mode Control Button (MMCB) | | | | |
| ■ |  |  |  |  |
| ② Weapon Release Button | | | | |
| **🞎** |  |  |  |  |
| ③ Target Management Switch (TMS) | | | | |
| ▲ |  |  |  |  |
| ▼ |  |  |  |  |
| ◀ |  |  |  |  |
| ▶ |  |  |  |  |
| ④ Trigger | | | | |
| **1st Stage** |  |  |  |  |
| **2nd Stage** |  |  |  |  |
| ⑤ Countermeasures Switch (CMS) | | | | |
| △ |  |  |  |  |
| ▽ |  |  |  |  |
| ◀ |  |  |  |  |
| ▶ |  |  |  |  |
| ■ |  |  |  |  |
| ⑥ Nosewheel Steering Button (NWS) | | | | |
| ■ |  |  |  |  |
| ⑦ Paddle Switch (Modifier) | | | | |
| ▽ |  |  |  |  |
| ⑧ Trim Switch | | | | |
| ▲ |  |  |  |  |
| ▼ |  |  |  |  |
| ◀ |  |  |  |  |
| ▶ |  |  |  |  |
| ⑨ Data Management Switch (DMS) | | | | |
| ▲ |  |  |  |  |
| ▼ |  |  |  |  |
| ◀ |  |  |  |  |
| ▶ |  |  |  |  |



④ China Hat

③ Boat Switch

② Speed Brake

① Mic Switch

⑤ Left Throttle Button

⑥ Pinky Switch (Hidden)

⑦ Slew Control

⑧ Coolie Hat

⑨ Left Throttle

⑩ Right Throttle

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Direction** | **Action** | **Keyboard Command** | **Modified Action** | **Keyboard Command** |
| **① Mic Switch** | | | | |
| ▲ |  |  |  |  |
| ▼ |  |  |  |  |
| △ |  |  |  |  |
| ▽ |  |  |  |  |
| ■ |  |  |  |  |
| ② Speed Brake | | | | |
| △ |  |  |  |  |
| ▽ |  |  |  |  |
| ③ Boat Switch | | | | |
| △ |  |  |  |  |
|  |  |  |  |  |
| ▽ |  |  |  |  |
| ④ China Hat | | | | |
| △ |  |  |  |  |
|  |  |  |  |  |
| ▽ |  |  |  |  |
| ⑤ Left Throttle Button | | | | |
| ■ |  |  |  |  |
| ⑥ Pinky Switch | | | | |
| △ |  |  |  |  |
|  |  |  |  |  |
| ▽ |  |  |  |  |
| ⑦ Slew Control | | | | |
| ▲ |  |  |  |  |
| ▼ |  |  |  |  |
| ◀ |  |  |  |  |
| ▶ |  |  |  |  |
| ■ |  |  |  |  |
| ⑧ Coolie Hat | | | | |
| ▲ |  |  |  |  |
| ▼ |  |  |  |  |
| ◀ |  |  |  |  |
| ▶ |  |  |  |  |
| ⑨ Left Throttle | | | | |
| △▽ |  |  |  |  |
| ⮛ |  |  |  |  |
| ⑩ Right Throttle | | | | |
| △▽ |  |  |  |  |
| ⮛ |  |  |  |  |



⑥ Left Fuel Flow Switch

⑦ Right Fuel Flow Switch

① Flaps Switch

② EAC Switch

⑧ Left Ignition Switch

⑨ Right Ignition Switch

⑩ APU Start Switch

⑪ Slider

④ Autopilot Button

③ Radar Altimeter Switch

⑫ Landing Gear Button

⑤ Autopilot Mode Switch

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Direction** | **Action** | **Keyboard Command** | **Modified Action** | **Keyboard Command** |
| ① Flaps Switch | | | |  |
| △ |  |  |  |  |
|  |  |  |  |  |
| ▽ |  |  |  |  |
| ② EAC Switch | | | |  |
| △ |  |  |  |  |
| ▽ |  |  |  |  |
| ③ Radar Altimeter Switch | | | |  |
| △ |  |  |  |  |
| ▽ |  |  |  |  |
| ④ Autopilot Button | | | |  |
| ■ |  |  |  |  |
| ⑤ Autopilot Mode Switch | | | |  |
| △ |  |  |  |  |
|  |  |  |  |  |
| ▽ |  |  |  |  |
| ⑥ Left Fuel Flow Switch | | | |  |
| △ |  |  |  |  |
| ▽ |  |  |  |  |
| ⑦ Right Fuel Flow Switch | | | |  |
| △ |  |  |  |  |
| ▽ |  |  |  |  |
| ⑧ Left Ignition Switch | | | |  |
| △ |  |  |  |  |
|  |  |  |  |  |
| ▽ |  |  |  |  |
| ⑨ Right Ignition Switch | | | |  |
| △ |  |  |  |  |
|  |  |  |  |  |
| ▽ |  |  |  |  |
| ⑩ APU Start Switch | | | |  |
| △ |  |  |  |  |
| ▽ |  |  |  |  |
| ⑪ Slider | | | |  |
| △▽ |  |  |  |  |
| ⑫ Landing Gear Button | | | |  |
| ■ |  |  |  |  |



① Left Brake Axis

② Right Brake Axis

③ Rudder Axis

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Direction** | **Action** | **Keyboard Command** | **Modified Action** | **Keyboard Command** |
| ① Left Brake Axis | | | |  |
| ▼▲ |  |  |  |  |
| ② Right Brake Axis | | | |  |
| ▼▲ |  |  |  |  |
| ③ Rudder Axis | | | |  |
| △▽ |  |  |  |  |

④ OSB 4

③ OSB 3

② OSB 2

① OSB 1

⑤ OSB 5



❷ SYM

❶ GAIN

⑯ OSB 16

⑰ OSB 17

⑲ OSB 19 Ignition Switch

⑱ OSB 18 Start Switch

⑳ OSB 20

⑥ OSB 6

⑦ OSB 7 Ignition Switch

⑧ OSB 8 Start Switch

⑨ OSB 9

⑩ OSB 10

❹ BRT

❸ CON

⑭ OSB 14

⑬ OSB 13

⑮ OSB 15

⑫ OSB 12

⑪ OSB 11

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Direction** | **Action** | **Keyboard Command** | **Modified Action** | **Keyboard Command** |
| ① OSB 1 | | | |  |
| ■ |  |  |  |  |
| ② OSB 2 | | | |  |
| ■ |  |  |  |  |
| ③ OSB 3 | | | |  |
| ■ |  |  |  |  |
| ④ OSB 4 | | | |  |
| ■ |  |  |  |  |
| ⑤ OSB 5 | | | |  |
| ■ |  |  |  |  |
| ⑥ OSB 6 | | | |  |
| ■ |  |  |  |  |
| ⑦ OSB 7 | | | |  |
| ■ |  |  |  |  |
| ⑧ OSB 8 | | | |  |
| ■ |  |  |  |  |
| ⑨ OSB 9 | | | |  |
| ■ |  |  |  |  |
| ⑩ OSB 10 | | | |  |
| ■ |  |  |  |  |
| ⑪ OSB 11 | | | |  |
| ■ |  |  |  |  |
| ⑫ OSB 12 | | | |  |
| ■ |  |  |  |  |
| ⑬ OSB 13 | | | | |
| ■ |  |  |  |  |
| ⑭ OSB 14 | | | | |
| ■ |  |  |  |  |
| ⑮ OSB 15 | | | | |
| ■ |  |  |  |  |
| ⑯ OSB 16 | | | | |
| ■ |  |  |  |  |
| ⑰ OSB 17 | | | | |
| ■ |  |  |  |  |
| ⑱ OSB 18 | | | | |
| ■ |  |  |  |  |
| ⑲ OSB 19 | | | | |
| ■ |  |  |  |  |
| ⑳ OSB 20 | | | | |
| ■ |  |  |  |  |
| ❶ GAIN | | | | |
| ▲ |  |  |  |  |
| ▼ |  |  |  |  |
| ❷ SYM | | | | |
| ▲ |  |  |  |  |
| ▼ |  |  |  |  |
| ❸ CON | | | | |
| ▲ |  |  |  |  |
| ▼ |  |  |  |  |
| ❹ BRT | | | | |
| ▲ |  |  |  |  |
| ▼ |  |  |  |  |

④ OSB 4

③ OSB 3

② OSB 2

① OSB 1

⑤ OSB 5



❷ SYM

❶ GAIN

⑯ OSB 16

⑰ OSB 17

⑲ OSB 19 Ignition Switch

⑱ OSB 18 Start Switch

⑳ OSB 20

⑥ OSB 6

⑦ OSB 7 Ignition Switch

⑧ OSB 8 Start Switch

⑨ OSB 9

⑩ OSB 10

❹ BRT

❸ CON

⑭ OSB 14

⑬ OSB 13

⑮ OSB 15

⑫ OSB 12

⑪ OSB 11

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Direction** | **Action** | **Keyboard Command** | **Modified Action** | **Keyboard Command** |
| ① OSB 1 | | | |  |
| ■ |  |  |  |  |
| ② OSB 2 | | | |  |
| ■ |  |  |  |  |
| ③ OSB 3 | | | |  |
| ■ |  |  |  |  |
| ④ OSB 4 | | | |  |
| ■ |  |  |  |  |
| ⑤ OSB 5 | | | |  |
| ■ |  |  |  |  |
| ⑥ OSB 6 | | | |  |
| ■ |  |  |  |  |
| ⑦ OSB 7 | | | |  |
| ■ |  |  |  |  |
| ⑧ OSB 8 | | | |  |
| ■ |  |  |  |  |
| ⑨ OSB 9 | | | |  |
| ■ |  |  |  |  |
| ⑩ OSB 10 | | | |  |
| ■ |  |  |  |  |
| ⑪ OSB 11 | | | |  |
| ■ |  |  |  |  |
| ⑫ OSB 12 | | | |  |
| ■ |  |  |  |  |
| ⑬ OSB 13 | | | | |
| ■ |  |  |  |  |
| ⑭ OSB 14 | | | | |
| ■ |  |  |  |  |
| ⑮ OSB 15 | | | | |
| ■ |  |  |  |  |
| ⑯ OSB 16 | | | | |
| ■ |  |  |  |  |
| ⑰ OSB 17 | | | | |
| ■ |  |  |  |  |
| ⑱ OSB 18 | | | | |
| ■ |  |  |  |  |
| ⑲ OSB 19 | | | | |
| ■ |  |  |  |  |
| ⑳ OSB 20 | | | | |
| ■ |  |  |  |  |
| ❶ GAIN | | | | |
| ▲ |  |  |  |  |
| ▼ |  |  |  |  |
| ❷ SYM | | | | |
| ▲ |  |  |  |  |
| ▼ |  |  |  |  |
| ❸ CON | | | | |
| ▲ |  |  |  |  |
| ▼ |  |  |  |  |
| ❹ BRT | | | | |
| ▲ |  |  |  |  |
| ▼ |  |  |  |  |