

## Sound Names, Verbiage, and Conventions for Switch Positions, Warnings, Conditions, and Telemetry

| Switch Positions and conditions |               |                                  |
|---------------------------------|---------------|----------------------------------|
| Trigger                         | File Name.wav | Verbiage                         |
| <b>mAIL</b>                     | Alhi          | High Rate Aileron                |
| <b>!mAIL</b>                    | ALlo          | Low Rate Aileron                 |
|                                 | AL3d          | Aileron to extreme three D       |
|                                 | BKof          | Brakes off                       |
|                                 | BKon          | Brakes on                        |
|                                 | CRac          | Crow is activated                |
|                                 | CRin          | Crow is inactivated              |
| <b>mELE</b>                     | ELhi          | High rate Elevator               |
| <b>!mELE</b>                    | ELlo          | Low Rate Elevator                |
|                                 | EL3d          | Elevator to extreme three D      |
|                                 | FLAL          | Flaps synced with aileron        |
|                                 | FLdn          | flaps are down                   |
|                                 | FLno          | flaps are normal                 |
|                                 | FM1           | Flight mode 1                    |
|                                 | FM2           | Flight mode 2                    |
|                                 | FM3           | Flight Mode 3                    |
|                                 | FM4           | Flight mode 4                    |
|                                 | FM5           | Flight mode 5                    |
|                                 | FM6           | Flight mode 6                    |
|                                 | FM7           | Flight mode 7                    |
|                                 | FM8           | Flight mode 8                    |
|                                 | FM9           | Flight mode 9                    |
|                                 | FMno          | Normal Flight Mode               |
| <b>mGEA</b>                     | GRup          | Gear is up                       |
| <b>!mGEA</b>                    | GRdn          | Gear is down                     |
|                                 | P1hi          | knob 1 is high                   |
|                                 | P1lo          | knob 1 is low                    |
|                                 | P1md          | knob 1 is centered               |
|                                 | P2hi          | knob 2 is high                   |
|                                 | P2lo          | knob 2 is low                    |
|                                 | P2md          | knob 2 is centered               |
|                                 | P3hi          | knob 3 is high                   |
|                                 | P3lo          | knob 3 is low                    |
|                                 | P3md          | knob 3 is centered               |
| <b>mRUD</b>                     | RDhi          | High Rate Rudder                 |
| <b>!mRUD</b>                    | RDlo          | Low Rate Rudder                  |
|                                 | RD3d          | Rudder at extreme three Dee rate |

|       |       |   |
|-------|-------|---|
|       | SAac  | spoilers deployed                                       |
|       | SAin  | spoilers retracted                                      |
|       | Spac  | spoilerons active                                       |
|       | Spin  | spoilerons inactive                                     |
|       |       |   |
|       | TAhi  |   |
|       | TAllo |   |
|       | TAmD  |   |
|       | TEhi  |   |
|       | TElo  |   |
|       | TEmd  |   |
| mTHR  | THac  | Throttle Switch is active, be cautious of the propeller |
| !mTHR | THin  | Throttle Switch is inactive                             |
|       | TDhi  |   |
|       | TDlo  |   |
|       | TDmd  |   |
| mID2  | TPdn  | three position switch is down                           |
| mID1  | TPno  | three position switch is normal                         |
| mID0  | TPup  | three position switch is up                             |
| !mTRN | TRac  | Student has control                                     |
| mTRN  | TRin  | Instructor has control                                  |
|       | TThi  |   |
|       | TTlo  |   |
|       | TTmd  |   |
|       | VRac  | Variometer is active                                    |
|       | VRin  | Variometer is inactive                                  |

| Telemetry Conditions |               |                                   |
|----------------------|---------------|-----------------------------------|
| Trigger              | File Name.wav | Verbiage                          |
| mCS3                 | -Txwa         | Warning, Transmitter signal low   |
| mCS4                 | -TXcr         | Transmitter Signal Critically low |
|                      | -RXwa         | Receiver low signal warning       |
|                      | -RXcr         | Receiver Signal Critical          |
|                      | -AL50         | Altitude 50                       |
|                      | -AL100        | Altitude 100                      |
|                      | -AL150        | Altitude 150                      |
|                      | -AL200        | Altitude 200                      |
|                      | -AL300        | Altitude 300                      |
|                      | -AL400        | Altitude 400                      |
|                      | -AL500        | Altitude 500                      |
|                      | -AL1K         | Altitude 1000                     |
|                      | -AL15K        | Altitude 1500                     |

|      |        |                                       |
|------|--------|---------------------------------------|
|      | -AL20K | Altitude 2000                         |
|      | -RPMhi | RPM is too high                       |
|      | -RPMlo | RPM is too low                        |
|      | -FUEha | Fuel at fifty percent                 |
|      | -FUEwa | Fuel Warning                          |
|      | -FUEct | Fuel Critical                         |
|      | -T1hi  | Temperature 1 too high                |
|      | -t2hi  | Temperature 2 too high                |
| mCS1 | -BVwa  | Lipo Pack voltage warning             |
|      | -BVct  | Lipo Pack voltage Critical            |
| mCS2 | -CVwa  | Low Cell voltage Warning              |
|      | -CVct  | Low Cell voltage Critical             |
| mCS7 | -AMPwa | Amp hours used warning                |
| mCS8 | -AMPct | Amp hours used Critical               |
|      | -CAPwa | Battery capacity warning              |
|      | -CAPct | Battery Capacity Critical             |
| mCS5 | -RXVwa | Warning, Flight Pack Voltage is low   |
| mCS6 | -RXVct | Flight Pack Voltage is Critically low |

| System Sounds |  |                                      |
|---------------|--|--------------------------------------|
| File Name.wav | Verbiage                               | Notes regarding triggers             |
| inactiv       | Transmitter inactivity alert           |                                      |
| lowbatt       | transmitter battery low                |                                      |
| highmah       | transmitter current too high           |                                      |
| hightemp      | transmitter temperature too high       |                                      |
| thralert      | Throttle stick alert                   |                                      |
| swalert       | Switch position alert                  |                                      |
| eebad         | E E is bad                             |                                      |
| eeformat      | E E Format                             |                                      |
| error         | Error                                  |                                      |
| keyup         | Key up                                 |                                      |
| keydown       | Key Down                               |                                      |
| menus         | Menus                                  |                                      |
| trim          | Trim is centered                       |                                      |
| warning1      | Warning 1                              | Sounds each minute timer is running. |
| warning2      | Warning 2                              |                                      |
| warning3      | Warning 3                              |                                      |
| midtrim       | Trim is centered                       |                                      |
| endtrim       | Maximum Trim reached                   |                                      |
| tada          | Welcome to Open 9x - enjoy your flight |                                      |
| midpot        | BEEP for middleof pot                  |                                      |

|                 |   |
|-----------------|---|
| <b>mixwarn1</b> | mix warning 1                                       |
| <b>mixwarn2</b> | mix warning 2                                       |
| <b>mixwarn3</b> | Mix warning 3                                       |
| <b>timerlt3</b> | Time is over slick. Get those wheels on the ground. |
| <b>timer10</b>  | ten seconds   |
| <b>timer20</b>  | twenty seconds                                      |
| <b>timer30</b>  | thirty seconds                                      |

#### **Naming Conventions**

**AI = Aileron**

**BK = Brakes**

**CR = Crow**

**EL = Elevator**

**FL = Flaps**

**FM = Flight Mode**

**GR = Gear**

**P1 = Pot 1**

**P2 = Pot 2**

**P3 = Pot 3**

**RD = Rudder**

**SP=Spoilers**

**SA - Spoilerons**

**TH = Throttle**

**TP = 3 position switch**

**TR = Trainer**

**VR = Vario**

**TA = Trim Aileron**

**TE = Trim Elevator**

**TD = Trim Rudder**

**TT = Trim Throttle**

**ac = Active**

**ct= Critical**

**dn = Down**

**hi - High**

**in = Inactive**

**lo- Low**

**md=Middle**

**no-normal**

**of = Off**

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**on = ON**

**up = Up**

**wn=Warning**

**3d=three D**

**TX = Transmitter**

**RX = Reciever**

**Altitude**

**RPM**

**Fuel**

**T1**

**T2**

**Speed**

**Distance**

**GPS Altitude**

**Cell**

**Cels**

**Vfas**

**Curr**

**Cncp = Total Amperage**

**Used**

**Powr**

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