

## SPDA 3

| LRU    | Label                   | BIT | Description                          | CAIMS      | CAIMS message                       | Channel |
|--------|-------------------------|-----|--------------------------------------|------------|-------------------------------------|---------|
| SPDA 3 | 353                     | 14  | PEM                                  | 2462703SPD | PILOT EVENT MARKER                  | A-B     |
|        |                         |     |                                      |            |                                     | B       |
|        |                         | 15  | SPDA 3 Check FTM ID Fault            | 2462706SPD | SPDA 3 FAILED (LEVEL C) L MICROPROC | A       |
|        |                         |     |                                      | 2463300SPD | SPDA 3 FAILED (LEVEL C) R MICROPROC | B       |
|        |                         | 16  | SPDA 3 RAM Address Fault             | 2462706SPD | SPDA 3 FAILED (LEVEL C) L MICROPROC | A       |
|        |                         |     |                                      | 2463300SPD | SPDA 3 FAILED (LEVEL C) R MICROPROC | B       |
|        |                         | 17  | SPDA 3 ARINC FTM RCV1 Loopback Fault | 2463303SPD | SPDA 3 FAILED(LEVEL C)L MICROPR/WRG | A       |
|        |                         |     |                                      | 2463304SPD | SPDA 3 FAILED(LEVEL C)R MICROPR/WRG | B       |
|        |                         | 18  | SPDA 3 ARINC FTM RCV2 Loopback Fault | 2463303SPD | SPDA 3 FAILED(LEVEL C)L MICROPR/WRG | A       |
|        |                         |     |                                      | 2463304SPD | SPDA 3 FAILED(LEVEL C)R MICROPR/WRG | B       |
|        |                         | 19  | SPDA 3 ARINC Queue Overflow Fault    | 2463301SPD | SPDA3 FAILED(LEVEL C)-L MICROPR/CDU | A       |
|        |                         |     |                                      | 2463302SPD | SPDA3 FAILED(LEVEL C)-R MICROPR/CDU | B       |
|        |                         | 20  | SPDA 3 ARINC FTM Timeout Fault       | 2463301SPD | SPDA3 FAILED(LEVEL C)-L MICROPR/CDU | A       |
|        |                         |     |                                      | 2463302SPD | SPDA3 FAILED(LEVEL C)-R MICROPR/CDU | B       |
|        |                         | 21  | SPDA 3 CRC Fault                     | 2462706SPD | SPDA 3 FAILED (LEVEL C) L MICROPROC | A       |
|        |                         |     |                                      | 2463300SPD | SPDA 3 FAILED (LEVEL C) R MICROPROC | B       |
|        |                         | 22  | SPDA 3 Stack Overflow Fault          | 2462706SPD | SPDA 3 FAILED (LEVEL C) L MICROPROC | A       |
|        |                         |     |                                      | 2463300SPD | SPDA 3 FAILED (LEVEL C) R MICROPROC | B       |
|        |                         | 23  | SPDA 3 Task Integrity Fault          | 2462706SPD | SPDA 3 FAILED (LEVEL C) L MICROPROC | A       |
|        |                         |     |                                      | 2463300SPD | SPDA 3 FAILED (LEVEL C) R MICROPROC | B       |
|        |                         | 24  | SPDA 3 Task Overrun Fault            | 2462706SPD | SPDA 3 FAILED (LEVEL C) L MICROPROC | A       |
|        |                         |     |                                      | 2463300SPD | SPDA 3 FAILED (LEVEL C) R MICROPROC | B       |
|        |                         | 25  | SPDA 3 Interrupt Fault               | 2462706SPD | SPDA 3 FAILED (LEVEL C) L MICROPROC | A       |
|        |                         |     |                                      | 2463300SPD | SPDA 3 FAILED (LEVEL C) R MICROPROC | B       |
|        |                         | 26  | SPDA 3 Vector Table Fault            | 2462706SPD | SPDA 3 FAILED (LEVEL C) L MICROPROC | A       |
|        |                         |     |                                      | 2463300SPD | SPDA 3 FAILED (LEVEL C) R MICROPROC | B       |
|        |                         | 27  | SPDA 3 Companion FTM Fault           | 2462706SPD | SPDA 3 FAILED (LEVEL C) L MICROPROC | B       |
|        |                         |     |                                      | 2463300SPD | SPDA 3 FAILED (LEVEL C) R MICROPROC | A       |
|        |                         | 28  | SPDA 3 Swap FTMS Fault               | 2462705SPD | SPDA 3 FAILED (LEVEL A)             | A-B     |
| 29     | Discrete Watchdog Fault |     | DISCRETE WATCHDOG                    | A-B        |                                     |         |

| LRU    | Label    | BIT | Description                       | CAIMS      | CAIMS message           | Channel |
|--------|----------|-----|-----------------------------------|------------|-------------------------|---------|
| SPDA 3 | 354      | 14  | Not Used                          |            |                         |         |
|        |          | 15  | SPDA 3 Dual Port RAM Fault        | 2462705SPD | SPDA 3 FAILED (LEVEL A) | A-B     |
|        |          | 16  | SPDA 3 Backplane IO Fault         | 2462705SPD | SPDA 3 FAILED (LEVEL A) | A-B     |
|        |          | 17  | SPDA 3 Left Heartbeat Test Fault  | 2462701SPD | CDU 1/SPDA 3 / WRG      | A-B     |
|        |          | 18  | SPDA 3 Right Heartbeat Test Fault | 2462702SPD | CDU 2/SPDA 3 / WRG      | A-B     |
|        |          | 19  | Not Used                          |            |                         |         |
|        |          | 20  | Not Used                          |            |                         |         |
|        |          | 21  | Not Used                          |            |                         |         |
|        |          | 22  | Not Used                          |            |                         |         |
|        |          | 23  | Not Used                          |            |                         |         |
|        |          | 24  | Not Used                          |            |                         |         |
|        |          | 25  | Not Used                          |            |                         |         |
|        |          | 26  | Not Used                          |            |                         |         |
|        |          | 27  | Not Used                          |            |                         |         |
| 28     | Not Used |     |                                   |            |                         |         |
| 29     | Not Used |     |                                   |            |                         |         |

| LRU    | Label                         | BIT        | Description                      | CAIMS      | CAIMS message           | Channel |
|--------|-------------------------------|------------|----------------------------------|------------|-------------------------|---------|
| SPDA 3 | 355                           | 14         | Not Used                         |            |                         |         |
|        |                               | 15         | SPDA 3 Card # 1 Trip Curve Fault | 2462705SPD | SPDA 3 FAILED (LEVEL A) | A-B     |
|        |                               | 16         | SPDA 3 Card # 1 Fail Fault       | 2462705SPD | SPDA 3 FAILED (LEVEL A) | A-B     |
|        |                               | 17         | SPDA 3 Card # 1 Initial Fault    | 2462705SPD | SPDA 3 FAILED (LEVEL A) | A-B     |
|        |                               | 18         | Not Used                         |            |                         |         |
|        |                               | 19         | SPDA 3 Card # 2 Trip Curve Fault | 2462705SPD | SPDA 3 FAILED (LEVEL A) | A-B     |
|        |                               | 20         | SPDA 3 Card # 2 Fail Fault       | 2462705SPD | SPDA 3 FAILED (LEVEL A) | A-B     |
|        |                               | 21         | SPDA 3 Card # 2 Initial Fault    | 2462705SPD | SPDA 3 FAILED (LEVEL A) | A-B     |
|        |                               | 22         | Not Used                         |            |                         |         |
|        |                               | 23         | SPDA 3 Card # 3 Trip Curve Fault | 2462705SPD | SPDA 3 FAILED (LEVEL A) | A-B     |
|        |                               | 24         | SPDA 3 Card # 3 Fail Fault       | 2462705SPD | SPDA 3 FAILED (LEVEL A) | A-B     |
|        |                               | 25         | SPDA 3 Card # 3 Initial Fault    | 2462705SPD | SPDA 3 FAILED (LEVEL A) | A-B     |
|        |                               | 26         | Not Used                         |            |                         |         |
|        |                               | 27         | SPDA 3 Card # 4 Trip Curve Fault | 2462705SPD | SPDA 3 FAILED (LEVEL A) | A-B     |
| 28     | SPDA 3 Card # 4 Fail Fault    | 2462705SPD | SPDA 3 FAILED (LEVEL A)          | A-B        |                         |         |
| 29     | SPDA 3 Card # 4 Initial Fault | 2462705SPD | SPDA 3 FAILED (LEVEL A)          | A-B        |                         |         |

| LRU    | Label                         | BIT        | Description                      | CAIMS      | CAIMS message                  | Channel |
|--------|-------------------------------|------------|----------------------------------|------------|--------------------------------|---------|
| SPDA 3 | 356                           | 14         | Not Used                         |            |                                |         |
|        |                               | 15         | SPDA 3 Card # 5 Trip Curve Fault | 2462705SPD | SPDA 3 FAILED (LEVEL A)        | A-B     |
|        |                               | 16         | SPDA 3 Card # 5 Fail Fault       | 2462705SPD | SPDA 3 FAILED (LEVEL A)        | A-B     |
|        |                               | 17         | SPDA 3 Card # 5 Initial Fault    | 2462705SPD | SPDA 3 FAILED (LEVEL A)        | A-B     |
|        |                               | 18         | Not Used                         |            |                                |         |
|        |                               | 19         | SPDA 3 Card # 6 Trip Curve Fault | 2462705SPD | SPDA 3 FAILED (LEVEL A)        | A-B     |
|        |                               | 20         | SPDA 3 Card # 6 Fail Fault       | 2462705SPD | SPDA 3 FAILED (LEVEL A)        | A-B     |
|        |                               | 21         | SPDA 3 Card # 6 Initial Fault    | 2462705SPD | SPDA 3 FAILED (LEVEL A)        | A-B     |
|        |                               | 22         | Not Used                         |            |                                |         |
|        |                               | 23         | SPDA 3 Card # 7 Trip Curve Fault | 2463305SPD | SPDA 3 FAILED (LEVEL C)-CARD#7 | A-B     |
|        |                               | 24         | SPDA 3 Card # 7 Fail Fault       | 2463305SPD | SPDA 3 FAILED (LEVEL C)-CARD#7 | A-B     |
|        |                               | 25         | SPDA 3 Card # 7 Initial Fault    | 2463305SPD | SPDA 3 FAILED (LEVEL C)-CARD#7 | A-B     |
|        |                               | 26         | Not Used                         |            |                                |         |
|        |                               | 27         | SPDA 3 Card # 8 Trip Curve Fault | 2463306SPD | SPDA 3 FAILED (LEVEL C)-CARD#8 | A-B     |
| 28     | SPDA 3 Card # 8 Fail Fault    | 2463306SPD | SPDA 3 FAILED (LEVEL C)-CARD#8   | A-B        |                                |         |
| 29     | SPDA 3 Card # 8 Initial Fault | 2463306SPD | SPDA 3 FAILED (LEVEL C)-CARD#8   | A-B        |                                |         |

| LRU    | Label    | BIT | Description        | CAIMS      | CAIMS message                       | Channel |
|--------|----------|-----|--------------------|------------|-------------------------------------|---------|
| SPDA 3 | 357      | 14  | SPDA 3 Fuse Left 1 | 2463307SPD | SPDA 3 FAILED (LEVEL C)-LEFT FUSE#1 | A-B     |
|        |          | 15  | SPDA 3 Fuse Left 2 | 2463308SPD | SPDA 3 FAILED (LEVEL C)-LEFT FUSE#2 | A-B     |
|        |          | 16  | SPDA 3 Fuse Left 3 | 2463309SPD | SPDA 3 FAILED (LEVEL C)-LEFT FUSE#3 | A-B     |
|        |          | 17  | SPDA 3 Fuse Left 4 | 2463310SPD | SPDA 3 FAILED (LEVEL C)-LEFT FUSE#4 | A-B     |
|        |          | 18  | SPDA 3 Fuse Left 5 | 2463311SPD | SPDA3 FAILED (LEVEL C)-RIGHT FUSE#5 | A-B     |
|        |          | 19  | SPDA 3 Fuse Left 6 | 2463312SPD | SPDA3 FAILED (LEVEL C)-RIGHT FUSE#6 | A-B     |
|        |          | 20  | SPDA 3 Fuse Left 7 | 2463314SPD | SPDA3 FAILED (LEVEL C)-RIGHT FUSE#7 | A-B     |
|        |          | 21  | SPDA 3 Fuse Left 8 | 2463315SPD | SPDA3 FAILED (LEVEL C)-RIGHT FUSE#8 | A-B     |
|        |          | 22  | Not Used           |            |                                     |         |
|        |          | 23  | Not Used           |            |                                     |         |
|        |          | 24  | Not Used           |            |                                     |         |
|        |          | 25  | Not Used           |            |                                     |         |
|        |          | 26  | Not Used           |            |                                     |         |
|        |          | 27  | Not Used           |            |                                     |         |
| 28     | Not Used |     |                    |            |                                     |         |
| 29     | Not Used |     |                    |            |                                     |         |