

INSTALLATION MANUAL

FUEL/AIR DATA COMPUTER

Rev: K

P/N 962830-1, 962830-2, 962830-3

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2.5.3 ARINC 429 Labels Associated with Switch Settings

| LABEL | Description | 0 | 1 | 2* | 3 | 4 | 5 | 6 | 7 | 8** | 9*** | A# | B | C | D | E | F |
|-------|-------------------------------|---|---|----|---|---|---|---|---|-----|------|----|---|---|---|---|---|
| 074 | Flight Plan Header | ○ | | | | ○ | ○ | | | | | | | | | | |
| 075 | Active Waypoint To/From | ○ | | | | ○ | ○ | | | | | | | | | | |
| 100 | Selected Course | | | | ○ | ○ | ○ | ○ | | | | | | | | | |
| 113 | Waypoint Group Checksum | ○ | | | | ○ | ○ | | | | | | | | | | |
| 114 | Desired Track (True) | ○ | | | ○ | ○ | ○ | ○ | | | | | | | | | |
| 115 | Waypoint Bearing (True) | ○ | | | ○ | ○ | ○ | ○ | | | | | | | | | |
| 116 | Cross Track Distance | ○ | | | ○ | ○ | ○ | ○ | | | | | | | | | |
| 147 | Magnetic Variation | ○ | | | ○ | ○ | ○ | ○ | | | | | | | | | |
| 203 | PALT (1013.25 mB) | | ○ | ○ | ○ | | ○ | ○ | ○ | ○ | ○ | ○ | | | | | |
| 204 | PALT (Baro Corrected) | | ○ | ○ | ○ | | | ○ | ○ | ○ | ○ | ○ | | | | | |
| 205 | MACH | | ○ | ○ | ○ | | ○ | ○ | ○ | | | | | | | | |
| 206 | Indicated Airspeed (IAS) | | | ○ | ○ | | | ○ | ○ | ○ | ○ | ○ | | | | | |
| 210 | True Airspeed | ○ | ○ | | ○ | | ○ | ○ | ○ | ○ | ○ | ○ | | | | | |
| 211 | OAT | | ○ | | ○ | | | ○ | ○ | | | | | | | | |
| 212 | Vertical Speed (IVS) | | ○ | ○ | ○ | | | ○ | ○ | | ○ | ○ | | | | | |
| 213 | TAT (Static) | | ○ | | ○ | | | ○ | ○ | ○ | ○ | | ○ | | | | |
| 234 | Baro Correction (mb #1) | | | | ○ | | | | | | | | | | | | |
| 235 | Baro Correction (Hg “) | | | | ○ | | | | | | | | | | | | |
| 244 | Total Fuel Flow | | | | | | | | ○ | | | | | | | | |
| 251 | Distance To Go | ○ | | | ○ | ○ | | | ○ | | | | | | | | |
| 252 | Time To Go | ○ | | | ○ | ○ | | | ○ | | | | | | | | |
| 275 | LRN Status Word | ○ | ○ | | ○ | ○ | ○ | | | | | | | | | | |
| 300 | Navigation Aid Info | ○ | | | | ○ | ○ | | | | | | | | | | |
| 303 | Waypoint Group Header | ○ | | | | ○ | ○ | | | | | | | | | | |
| 304 | Message ID Characters 1-3 | ○ | | | | ○ | ○ | | | | | | | | | | |
| 305 | Message ID Characters 4-6 | ○ | | | | ○ | ○ | | | | | | | | | | |
| 306 | Waypoint Latitude | ○ | | | | ○ | ○ | | | | | | | | | | |
| 307 | Waypoint Longitude | ○ | | | | ○ | ○ | | | | | | | | | | |
| 310 | Present Latitude | ○ | | | ○ | ○ | ○ | ○ | | | | | | | | | |
| 311 | Present Longitude | ○ | | | ○ | ○ | ○ | ○ | | | | | | | | | |
| 312 | Ground Speed | ○ | | | ○ | ○ | ○ | ○ | | | | | | | | | |
| 313 | True Track | | | | ○ | ○ | ○ | ○ | | | | | | | | | |
| 314 | True Heading | | | | ○ | ○ | | ○ | | | | | | | | | |
| 315 | Wind Speed | ○ | ○ | | ○ | ○ | ○ | ○ | | | | | | | | | |
| 316 | Wind Direction (True) | ○ | ○ | | ○ | ○ | ○ | ○ | | | | | | | | | |
| 320 | Magnetic Heading | | ○ | | ○ | ○ | | ○ | | | | | | | | | |
| 321 | Drift Angle (True) | ○ | ○ | | ○ | ○ | | ○ | | | | | | | | | |
| 347 | Left/Right Fuel Flow | ○ | ○ | | ○ | ○ | | ○ | ○ | ○ | | | | | | | |
| 351 | Distance to Final Destination | | | | | | | ○ | | | | | | | | | |
| 352 | Time to Final Destination | | | | | | | ○ | | | | | | | | | |

- * Configuration 2 sends all labels at a 50 msec rate for Flight Visions HUD.
- ** Configuration 8 sends all labels at a 100 msec rate for Collins FMS 800.
- *** Configuration 9 sends all labels at a 50 msec rate for MkVII GPWS.
- # Configuration A sends all labels at a 50 msec rate for Mk VI and VIII EGPWS. Only available w/ARINC software version 71.73.01 and above.