

**Table 1. Part 135 - Flight Data Recorder Parameter Requirements**

*When reading the parameter specifications from Table 2 the corresponding shaded specification should be chosen for each parameter. This table refers to the FDR requirements of rule 135.369.*

| Parameter | (A)                                         | (B)                                                                                                   |
|-----------|---------------------------------------------|-------------------------------------------------------------------------------------------------------|
|           | 23 Parameter Helicopter                     | 25 Parameter Helicopter                                                                               |
| 1         | Time                                        | Time                                                                                                  |
| 2         | Airspeed                                    | Altitude                                                                                              |
| 3         | Altitude                                    | Airspeed                                                                                              |
| 4         | Heading                                     | Heading                                                                                               |
| 5         | Vertical acceleration                       | Vertical acceleration                                                                                 |
| 6         | Longitudinal acceleration                   | Pitch attitude                                                                                        |
| 7         | Pitch attitude                              | Roll attitude                                                                                         |
| 8         | Roll attitude                               | Radio transmitter keying                                                                              |
| 9         | Altitude rate                               | Power in each engine: Free power turbine speed and engine torque                                      |
| 10        | Main rotor speed                            | Main rotor speed                                                                                      |
| 11        | Free or power turbine for each engine       | Altitude rate                                                                                         |
| 12        | Engine torque for each engine               | Pilot input - primary controls                                                                        |
| 13        | Primary hydraulic pressure                  | Flight control hydraulic pressure low                                                                 |
| 14        | Secondary hydraulic pressure (if available) | Flight control hydraulic pressure selector switch position, 1 <sup>st</sup> and 2 <sup>nd</sup> stage |
| 15        | Radio transmitter keying                    | AFCS mode and engagement status                                                                       |
| 16        | Autopilot engaged                           | SAS status - engaged                                                                                  |
| 17        | SAS status - engaged                        | SAS fault status                                                                                      |

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| Parameter | (A)                              | (B)                                 |
|-----------|----------------------------------|-------------------------------------|
|           | 23 Parameter<br>Helicopter       | 25 Parameter<br>Helicopter          |
| 18        | SAS fault status                 | Main gearbox temperature low        |
| 19        | Collective                       | Main gearbox temperature high       |
| 20        | Pedal position                   | Controllable stabilator position    |
| 21        | Lateral cyclic                   | Longitudinal position               |
| 22        | Longitudinal cyclic              | Lateral acceleration                |
| 23        | Controllable stabilator position | Master warning                      |
| 24        |                                  | Nav 1 and Nav 2 frequency selection |
| 25        |                                  | Outside air temperature             |