Engineering / Technical Services Data Handling:

Because of in-service events or anomalies on aircraft, it may be necessary to obtain aircraft or engine downloadable data. In some cases, the analysis of data is required prior to returning the aircraft to service following an event. The data most commonly obtained, while not limited to those listed, is as follows:

1. Line Replaceable Unit (LRU) removal for off-aircraft download - Approval
2. Line Replaceable Unit (LRU) on-aircraft download - Approval
3. Removal of Quick Access Recorder (QAR) media
4. Digital Flight Data Recorder (DFDR) on-aircraft download - Approval
5. LEAP-1A/1B Engine Electronic Control (EEC) Download
   1. Continuous Engine Operating Data (CEOD)
   2. Diagnostics Trend Data Manual download

Persons authorized to approve flight data removal (authorized approver):

* Managing Director of Engineering
* Director of Operational Engineering
* Director of Fleet Engineering
* Manager of Powerplant Engineering

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| 1. Determine priority of the data    * AOG    * Imminent AOG    * Regulatory    * Routine |
| 1. Contact one of the authorized individuals listed above for concurrence. |
| 1. Ensure that ALPA has been notified for 3 and 5. Approval required for 1,2 and 4 |
| 1. initiate removal of data. |
| 1. For FOQA data    * Ensure FOQA FMT approval has been obtained for obtaining FOQA data.    * Coordinate with maintenance to forward removed media to the FOQA office:    * Comail to SEAFQ, or ship to:   Alaska Airlines - FOQA Office  2651 South 192nd  Seattle, WA 98188-5161 |
| 1. For FDR Data    * Coordinate with maintenance to route, download and disposition of data with engineering. (GPM 05-00-74/A05-00-74) |
| 1. For LEAP-1A/1B CEOD & Diagnostics Manual Downloads    * Reference Technical Services SOP Manual or Powerplant Engineering ECM Handbook ASA 460-445226 |
| 1. Forward data to outside vendor for review of any Alaska Airlines (ASA) data.    * A non-disclosure agreement must be in place between that vendor and ASA. Ensure such an agreement is in place prior to forwarding data. |