

# PGS 2023 V6.1.0

RELEASE NOTE No: RLN-PGS\_6.1.0\_IND-A

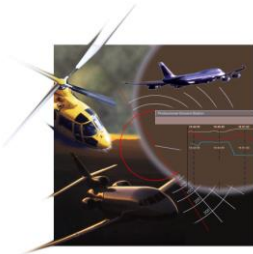
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### New Features

- Flight recorders
  - CURTISS-WRIGHT DAFR D51730 flight recorder has been added with the following capabilities:
    - Download and process of flight parameters and audio.
  - L3HARRIS 1000-1710-XX flight recorder has been added with the following capabilities:
    - Download and process of flight parameters and audio.
- Maintenance Recorders
  - CURTISS-WRIGHT DAFR D51730 has been added with the following capabilities:
    - Process of flight parameters from SD card.
- Realtime
  - CURTISS-WRIGHT DAFR D51730 has been added with the following capabilities:
    - Real-time replay of UDP frames transmission.
- Analysis
  - In flight profile editor, a new start condition named “begin of parent” has been added. It allows a child phase to inherit parent flight phase start conditions.
  - In flight profile editor, a new stop condition named “end of parent” has been added. It allows a child phase to inherit parent flight phase stop conditions.
  - In events editor, events conditions can be defined as “if detected/if not detected”. It allows to trigger an event when detection conditions are not met.
  - In events editor, events conditions can be defined as “Validated/Not Validated”. It allows to not validate by default specific events in analysis report.
  - In events editor, an event can be defined for the first, the last or all occurrences of a flight phase.
  - In counters editor, a counter can be defined for the first, the last or all occurrences of a flight phase.
- Parameter Studio
  - Computed Parameters
    - Date and Time formulas have been added.
    - A second level of conversion has been added where a resolution and an offset can be applied to the result of the first level of conversion.
  - Engineer Parameters
    - New source DAFR D51730 has been added.

### Improvements

- Flight recorders
  - HONEYWELL 980-4131-XXX, 980-6044-XXX and 980-6050-XXX:



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- Process of FDR and CVR data has been modified to handle both downloaded files or local files (source file mode).
- Graphic View
  - Save as feature can now manage flight files longer than 99 hours 59 minutes 59 seconds.

## Fixed Issues

- Flight recorders
  - HONEYWELL FORTRESS 69005657-001 et 69004755-041:
    - When processing FDR data from fleet management in source file, the resulting file is completely wrong. [Fixed]

## Known Issues

- Flight Recorders
  - HONEYWELL 980-6032-XXX
    - During the conversion of the CVR data to audio files, the download dialog of PGS may not respond but the resulting audio files are correct.
- Synchronisation
  - Loading data files with a different timeline may take a lot of processing time and synchronization may not be consistent.
- GUI
  - When displaying flight data, after several zoom-in, curves may disappear or may be displayed twice.
  - When some Flight parameters views are detached, if a marker is added to the main Flight parameters view, it does not appear in the detached Flight parameters views until they are refreshed.

## Deprecations and Removals

- None