

## <u>References</u>:

| [1] | S-GEN-21-008 dated October 27, 2021                                    |
|-----|--|
|     | New Heliwise4Mobile release for laptop, tablet and smartphones devices |

[2] S-139-22-003 / S-169-22-003 / S-189-22-003 New Heliwise4Mobile release with Rotor Track & Balance (RTB) capabilities

## Dear Customer,

Leonardo Helicopters (LH) is pleased to inform you that a new major release of the **Heliwise4Mobile** suite, introduced at Reference [1], is now available for download.

As part of the continuous improvement of the suite of Heliwise applications, the new release aims at adding new functionalities and making the applications more versatile.

As announced with Reference [2], the Rotor Track & Balance (RTB) capabilities have been introduced with last release of the app. The new version introduces the **Transmission Vibration Monitoring (TVM) Quick Assessment (QA)**.

## New Heliwise4Mobile release with TVM Quick Assessment capabilities

| 001         1st Stap Pin LH (A01) - SYNC         Steady Amber         ENNKUR         0         1         0           001         1st Stap Pin LH (A01) - SYNC         Steady Amber         ENNM6A         0         2         0           001         1st Stap Pin LH (A01) - SYNC         Steady Amber         PMOD1A         0         1         0           002         1st Stig Gear LH (A01) - SYNC         Steady Amber         ENNM6A         0         1         0           003         1st Stig Gear LH (A01) - SYNC         Steady Amber         ENNMFU         0         1         0           004         1st Stig Gear LH (A01) - SYNC         Steady Amber         MMFP         0         1         0           005         1st Stig Gear LH (A01) - SYNC         Steady Amber         MMFP         0         1         0           006         1st Stig Gear LH (A01) - SYNC         Steady Amber         Steady Amber         0         1         0           005         1st Stig Gear LH (A01) - SYNC         Steady Amber         0         1         0 | Stoady Amber     ENH-HAGA     0     2     0       Stoady Amber     PMODIA     0     1     0       Stoady Amber     ENH-HKUR     0     1     0       Stoady Amber     MMFP     0     1     0  | hoy. ID | Acq. Description             | Close<br>Monitoring | Threshold<br>Type | Health<br>Index             | Red<br>Exceed                 | Amber<br>Exceed | Blue<br>Excee |  |                   |     |
|---|--|---------|------------------------------|---------------------|-------------------|-----------------------------|-------------------------------|-----------------|---------------|--|-------------------|-----|
| Not         Start Stig Gear LH (A01) - SYNC         Stordy Ammoor         PMOD1A         0         1         0           002         1st Stig Gear LH (A01) - SYNC         Stordy Ammoor         FMHKUR         0         1         0           002         1st Stig Gear LH (A01) - SYNC         Stordy Ammoor         MFP         0         1         0           002         1st Stig Gear LH (A01) - SYNC         Stordy Ammoor         MFP         0         1         0           002         1st Stig Gear LH (A01) - SYNC         Stordy Ammoor         Stordy Ammoor         1         0   | Steady Ambor         PMOD1A         0         1         0           Steady Ambor         ENHKUR         0         1         0           Steady Ambor         MFP         0         1         0           Steady Ambor         MFP         0         1         0           Steady Ambor         SSR         0         1         0           Steady Ambor         ENHKUR         0         1         0           Steady Ambor         ENHKUR         0         1         0           Tail /D         14902         Variant         PHoL0.1         Flight Hours         02:18:31         Last DSN         17/08/2020 05:13:23         Close Monitoring New | 001     | 1st Stg Pin LH (A01) - SYNC  |                     |                   | ENHKUR                      | 0                             | 1               | 0             |  |                   |     |
| D02         1st Stig Gear LH (A01) - SYNC         Steady Amber         ENHKUR         0         1         0           002         1st Stig Gear LH (A01) - SYNC         Steady Amber         MMFP         0         1         0           002         1st Stig Gear LH (A01) - SYNC         Steady Amber         Strady Amber         1         0           002         1st Stig Gear LH (A01) - SYNC         Steady Amber         Strady Amber         1         0   | Strauty Amber         ENHKUR         0         1         0           Strauty Amber         MEP         0         1         0           Strauty Amber         S2R         0         1         0           Strauty Amber         EXR         0         1         0   | 001     | 1st Stg Pin LH (A01) - SYNC  |                     |                   | ENHM6A                      | 0                             | 2               | 0             |  |                   |     |
| 002         1st Stig Gear LH (A01) - SYNC         Steady Amber         MFP         0         1         0           002         1st Stig Gear LH (A01) - SYNC         Steady Amber         S2R         0         1         0   | Straudy Amber         MFP         0         1         0           Straudy Amber         S2R         0         1         0           Straudy Amber         S2R         0         1         0           Straudy Amber         ENHKUR         0         1         0           Z Back         Quick Assessment - Health index Chart         Close Monitoring           Tail ID         14002         Verlant         Flight Hours         02:18:31         Last DSN         17/08/2020 05:13:23         Close Monitoring   | 001     | 1st Stg Pin LH (A01) - SYNC  |                     |                   | PMOD1A                      | 0                             | 1               | 0             |  |                   |     |
| 002 1st Sig Gear LH (A01) - SYNC Sizeady Amber S2R 0 1 0  | Strady Amber     S2R     0     1     0       Strady Amber     ENHKUR     0     1     0       K     Quick Assessment - Health index Chart       Tail ID     14902     Variant     Flight Hours     02:18:31     Last DSN     17/08/2020 05:13:23     Close Monitoring   | 002     | 1st Stg Gear LH (A01) - SYNC |                     |                   | ENHKUR                      | 0                             | 1               | 0             |  |                   |     |
|   | Strawly Amber         ENHKUR         0         1         0            Aback         Quick Assessment - Health index Chart         Tail ID         14002         Variant         PH4.0.1         Flight Hours 02:18:31         Last DSN 17/08/2020 05:13:23         Close Monitoring         No   | 002     | 1st Stg Gear LH (A01) - SYNC |                     |                   | MFP                         | 0                             | 1               | 0             |  |                   |     |
| ADE 201 Ste Dia LH (AD2) SVNC SUBSCIENCE SUBSCIENCE SUBSCIENCE SUBSCIENCES  | Back     Quick Assessment - Health index Chart Tail ID 14902 Variant PH4.0.1 Flight Hours 02:18:31 Last DSN 17/08/2020 05:13:23 Close Monitoring No.   | 002     | 1st Stg Gear LH (A01) - SYNC |                     |                   | S2R                         | 0                             | 1               | 0             |  |                   |     |
| Steady Ander Steady Ander ENRKOR 0 1 0  | Tail ID 14902 Variant PH4.0.1 Flight Hours 02:18:31 Last DSN 17/08/2020 05:13:23 Close Monitoring No.  | 005     | 2nd Stg Pin LH (A03) - SYNC  |                     | Steady Amber      | ENHKUR                      | 0                             | 1               | 0             |  |                   |     |
|   |  |         |                              |                     |                   |                             |                               |                 |               |  |                   |     |
|   |  |         |                              |                     |                   |                             |                               |                 |               |  |                   |     |
| 7.02  |  |         |                              |                     |                   | ID 14902<br>Acq. <u>001</u> | Varian<br>1st S1<br>art Quick |                 |               |  | /08/2020 05:13:23 | _   |
| 7,02 Assessment   | 7,02 Assessment  |         |                              |                     | 7                 | Acq. 001                    | Varian<br>1st S1<br>art Quick |                 |               |  | /08/2020 05:13:23 | 1 > |
| 7.02 Assessment<br>4.87 4.87  | 1/02 <b>Carterion</b><br>102 <b>Carterion</b><br>4,67 <b>Carterion Carterion</b>   |         |                              |                     | 7                 | Acq. 001<br>02 As<br>67     | Varian<br>1st S1<br>art Quick |                 |               |  | /08/2020 05:13:23 | 1 > |
| 7.02 Assessment   | 4,67 ●   |         |                              |                     | 7                 | Acq. 001<br>02 As<br>67     | Varian<br>1st S1<br>art Quick |                 |               |  | /08/2020 05:13:23 | 1 > |

The Quick Assessment allows the Operator to visualize the content of a selected local dataset without being connected to the Heliwise website. With the new functionality:

- the Operator can visualize the TVM data directly inside the Heliwise4Mobile app, which highlights where thresholds exceedances are present;
- components under close monitoring can be checked in a quick and effective way also from remote locations or when stop-and-go operations are necessary.

The applications login requires the same Leonardo Customer Portal credentials, already enabled for Heliwise web utilization.

For quick consultation, it is possible to download the applications user manual directly from your device, by clicking on the appropriate section in the app main menu "Download Handbook", which is constantly updated.

In the "About" menu of the application you will be able to directly contact our technical support team mailbox that will assist for clarifications and troubleshooting.

Should you need any additional information, please do not hesitate to contact LH HUMS Support Team at <u>hums.mbx.aw@leonardo.com</u> functional mailbox.

Yours Sincerely,

Francesco Bellardi VP Customer Support & Services

SIL N° : S-139-22-004 S-169-22-005 S-189-22-004 Date : September 22, 2022 Rev : /

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