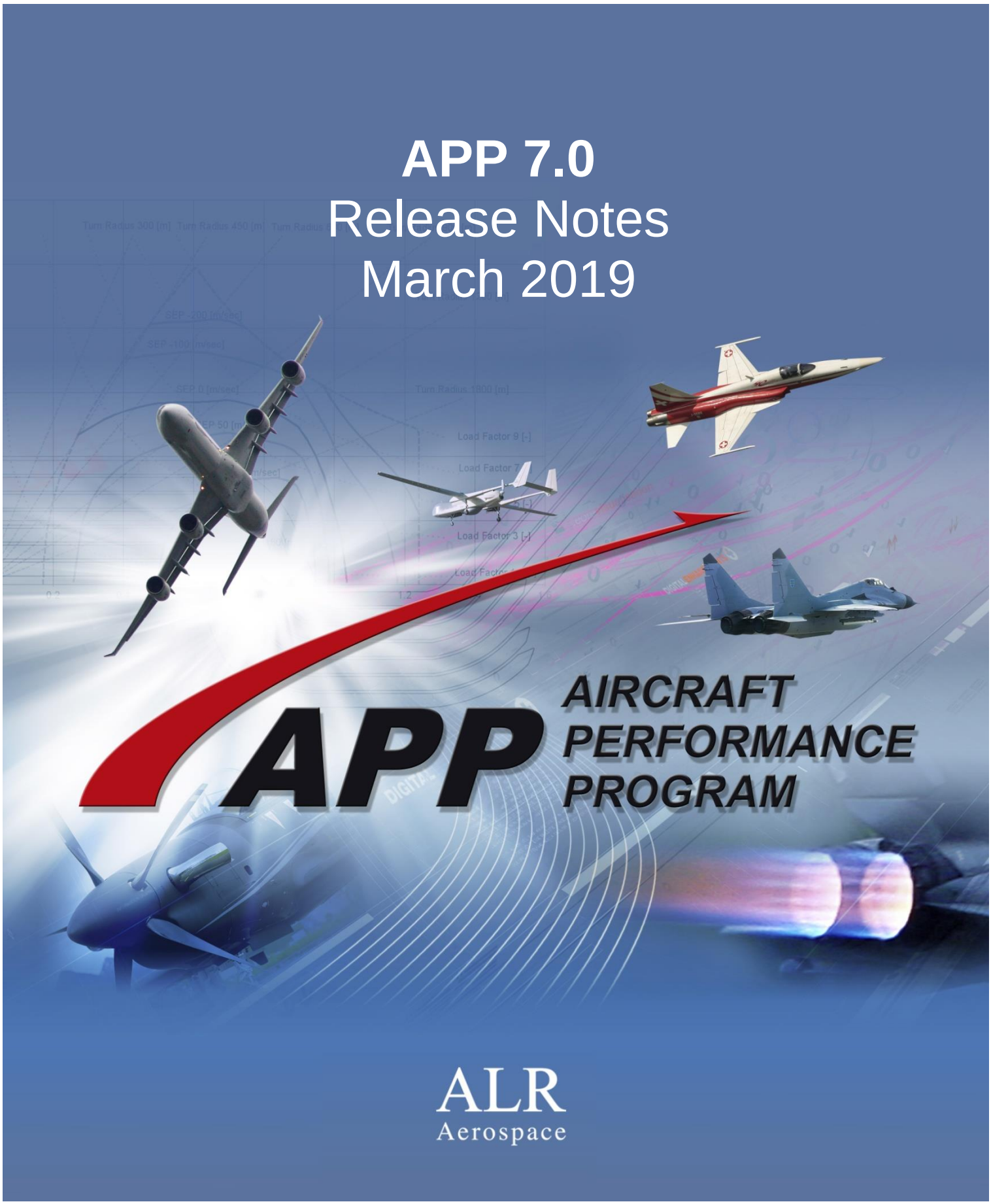
# APP 7.0
# Release Notes
# March 2019




ALR
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# APP 7.0 - Aircraft Performance Program

## *Release Notes March 2019*

ALR Aerospace

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# Content

**Content ..... 3**

**1 General Information ..... 4**

1.1 Current Version and Editions ..... 4
1.2 List of Releases ..... 4

**2 Version Release Notes ..... 5**

2.1 Fixes, Upgrades, Updates and Work done ..... 5
2.2 Known Problems, proposed improvements ..... 5

**3 Support ..... 6**

3.1 Getting additional information ..... 6
3.2 How to Contact ALR ..... 6
3.3 Miscellaneous support ..... 6

# 1 General Information

## 1.1 Current Version and Editions

The following release notes document the upgrades and changes made to the newest version of the Aircraft Performance Program, APP 7.0.

There is one edition of the current version:

- Professional Edition: Maximum number of functionalities available over a broad range of installation preferences (e.g. stand alone, network)

The first release of APP 7.0 Professional Edition has been issued in December 2016.

The current release of the Professional Edition is R1.0 and has been issued in March 2019.

## 1.2 List of Releases

This table list all the releases and release dates for APP

| Name/Version/Edition | Release Software | Protection | Description | Date |
|---|---|---|---|---|
| APP 7 Professional | 0.0 (Beta Version) | WIBUKey by WIBU | Professional edition of the APP 7 program | December 2016 |
| APP 7 Professional | 1.0 | WIBUKey by WIBU | Professional edition of the APP 7 program | March 2019 |

# 2 Version Release Notes

## 2.1 Fixes, Upgrades, Updates and Work done

The releases and the implemented updates, fixes and added features having been generated are listed in the table below:

| **Releases/ Fixes/ Updates** | **Version/ Release** | **Description** |
|---|---|---|
| Beta | 7.0 R0.0 Professional | Version 7.0 R0.0 (*Beta Version)* Professional Edition generated and released |
| New Version | 7.0 R1.0 Professional | Version 7.0 R1.0 Professional Edition generated and released |

## 2.2 Known Problems, proposed improvements

Please feel free to inform us if you encounter any bugs or have an improvement to propose to us.

| **Proposed Fix or Improvement** | | **Description** |
|---|---|---|
| Electric propeller propulsion for ground-operations, decelerate and descent segments | | If the power setting of the electric motor is set to 0%, and the minimum torque is also 0, the propeller state might not have a solution. Choose a small amount of power (e.g. 10%) for ground-operations, decelerate and descent segments. |
| Mission segments for electric propulsion | | Note that not all mission segments work with electric propulsion, notably ones that rely on a non-zero fuel flow (e.g. Cruise at best SR, Loiter at best FF, …). Most segments however work with a hybrid propulsion, if the generator is in “Sustain Charge” mode. |
| High DPI screens | | Some users with very large screens (high DPI) and high display scaling factors might experience slightly blurred user interface elements. For further information, see https://support.microsoft.com/en-us/kb/2900023.<br>Note that the option to *Disable Display Scaling On High DPI Settings* might result in clipped text and is not recommended. |

# 3 Support

## 3.1 Getting additional information

Either ALR or your reseller can help you with any problem you may encounter installing or using the APP 7 Professional Edition.

## 3.2 How to Contact ALR

Postal Address:

Arbeitsgruppe für Luft- und Raumfahrt

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CH-8002 Zurich

Switzerland

Phone:+41 (0)44 202 93 88

Website:
www.alr-aerospace.ch

www.aircraftperformance.software

Email: alr@alr-aerospace.ch

## 3.3 Miscellaneous support

For any additional questions regarding the applied software protection systems the vendors websites are as follows:

WIBUKey Software protection: www.wibu.de

Please download any driver update for the software protection keys from these websites.