

ALR Aerospace



Aircraft Performance Program APP™ 6.0 New Version

Since creation in 1981, the Swiss based ALR Aerospace has developed a unique capability in aircraft performance and preliminary design analysis. This was achieved through its own design activity of light fighter, trainer and light aircraft.

ALR Aerospace provides

- *Flight Performance Software*
- *High Quality Aircraft Datasets*
- *Aircraft & Systems Capability Analyses*
- *Operation Analyses*

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Made in Switzerland



Aircraft Performance Program APP™

APP is a powerful Windows based software tool to calculate and analyze flight performance of a large range of fixed-wing aircraft. Using an accurate physical model, the user can input mass, aerodynamics and propulsion (jet or propeller) data. APP computes detailed mission performance and provides the user with comprehensive results.

APP is ideal for aircraft design and design analyses. Whether you analyze your own designs or use APP to gain an edge over your competition, APP supports you with precise and unbiased near real-time performance results.

- Computation of Aircraft Point Performance
- Computation of Mission Performance
- Optimization of Mission Profiles
- Computation of Take-Off, Landing and Balanced Field Length
- Variation and Trade Studies

APP is applicable to fixed-wing jets and turboprops, both military & civil

- Easy to learn, modern graphical user interface
- Built-in powerful graphical post-processing with over 60 output parameters
- 4 unit systems (SI, imperial, ...) for input and output
- Export of tables (excel) and charts

Included Aircraft Models:

Supersonic Fighter, UAV, Boeing 747, Airbus A320 and others

ALR Aerospace can support you with creating your own aircraft input data or provide you with high quality, accurate data on aircraft of your interest.

Please visit our website www.alr-aerospace.ch and contact us for a quotation:

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