



**PA18-150 (SUPER CUB)  
HB-PLQ**

01.01.2012

<b>MAX T/O weight</b>		<b>1750 lbs</b>	<b>793 kg</b>
Approx. basic weight		ca. 1120 lbs	ca. 508 kg
<b>Fuel full tanks</b>	36 USG / 136 lt	216 lbs	98 kg
Approx. allowed load with fuel <b>full tanks</b>		414 lbs	187 kg

REGA ex Switzerland: **1414**  
REGA ex other countries: **+41 333 333 333**  
Close ATC-Flightplan: **0800 437 837**

INFO- Zürich 124,700 / Geneva 126,350  
FREQ: Langen 128,950 / Reims 124,100

Noisecategory: D

Fuel: AVGAS 100LL (blue) or AVGAS 100 (green)

Oil: 15W-50 (multigrade ashless). Alternate: SAE 20W 50 (single grade ashless)

**Transponder:** Airspaces C/D: AC (S) compulsory, squawk according ATC  
Airspaces E/G: AC (S) compulsory above 7000 ft, squawk **A/C (S) 7000**

**Altimetersettings:** **below 3000 ft GND:** QNH (altitude), **above 3000 ft GND:** Standard 1013,2 hPa (flight level)

1. To get **Pressure-Altitude (PA):**  $28 \text{ ft} \times (1013 - \text{actual QNH})$   
if QNH > 1013: subtract result from airfield-altitude to get PA  
if QNH < 1013: add result to airfield-altitude to get PA

2. To get **ISA-Temp.** at PA:

$$15^{\circ} - \frac{(\text{PA} \times 2^{\circ})}{1000}$$

3. To get **Density Altitude (DA):**  $120 \text{ ft} \times (\text{actual OAT} - \text{ISA-Temp. at PA})$   
if act. OAT > ISA: add result to PA to get DA  
if act. OAT < ISA: subtract result from PA to get DA