

**WEIGHT AND BALANCE AIRPLANES GVM LAUSANNE
2016**

	<u>BASIC EMPTY WEIGHT</u>	<u>C.G. MOMENT</u> / 100	<u>USEFUL LOAD</u>	<u>MTOW</u>		<u>BASIC EMPTY WEIGHT</u>	<u>C.G. MOMENT</u> / 100	<u>USEFUL LOAD</u>	<u>MTOW</u>
	<u>L - 4H</u>	<u>CUB</u>				<u>DR400 / 140B</u>	<u>DAUPHIN</u>		
OKN (27.01.11)	369.00 kg 813.50 lbs	0,404 m 148,953 kg.m	211.00 kg 465.20 lbs	580.00 kg 1'278.70 lbs	KFI (09.02.12) GNS 430	626.00 kg 1'380.10 lbs	0.339 m 212.080 kgm	374.00 kg 824.90 lbs	1'000.00 kg 2'205.00 lbs
ODC (08.05.92)	366,00 kp 806,89 lbs	0.385 140.92	214,00 kp 471,81 lbs	580,0 kp 1278,7 lbs	KFD (07.05.10) GNS 300	606.25 kg 1'336.56 lbs	0.333 m 201.740 kgm	393.75 kg 868.44 lbs	1'000.00 kg 2'205.00 lbs
	<u>PA18</u>	<u>SUPERCUB</u>				<u>PA-28-161</u>	<u>WARRIOR</u>		
ORV (22.10.09)	541.60 kg 1'191.50 lbs	14.00 16681.00 in.lbs	252.40 kg 558.50 lbs	794.00 kg 1'750.00 lbs	PNL (07.07.09) VO/C	708.40 kg 1'561.75 lbs	85.35 in 1'332.99 in.lbs	398.60 kg 878.25 lbs	1'107.00 kg 2'440.00 lbs
	<u>PS28</u>	<u>SportCruiser</u>				<u>DA 40 TDI</u>	<u>DIAMOND</u>		
WXA (10.04.13)	386.00 kg 850.00 lbs	433.2 mm 166,624.3 kgmm	214.00 kg 472.00 lbs	600.00 kg 1'322.00 lbs	SDO (02.08.09)	811.00 kg 1'787.96 lbs	2.411 m 1'955.600 kgm	339.00 kg 747.04 lbs	1'150.00 kg 2'535.00 lbs
WXB (10.04.13)	385.00 kg 848.00 lbs	432.8 mm 167,226.8 kgmm	215.00 kg 474.00 lbs	600.00 kg 1'322.00 lbs		<u>PA-28-236</u>	<u>DAKOTA</u>		
	<u>CP10</u>	<u>CAP 10C</u>	<u>Aerobatic</u>		PMP (05.01.16) VOFD/S + G430	846.00 kg 1'856.00 lbs	8391.95 in 155'754.50 in.lbs	515.00 kg 1'144.00 lbs	1'361.00 kg 3'000.00 lbs
SAX (27.02.02)	560.40 kg 1'232.40 lbs	0.310 m 173.920 kgm	219.60 kg 487.20 lbs	780.00 kg 1'719.60 lbs		<u>PA-32-301</u>	<u>SARATOGA</u>		
	<u>CP10</u>	<u>CAP 10C</u>	<u>Utility</u>		PJE (20.08.15) VOFD/S + G530	1'115.08 kg 2'458.33 lbs	8466.80 in 208'141.85 in.lbs	517.85 kg 1'141.67 lbs	1'632.93 kg 3'600.00 lbs
SAX (27.02.02)	(10.08.09) 560.40 kg 1'232.40 lbs	0.310 m 173.920 kgm	269.60 kg 597.40 lbs	830.00 kg 1'829.80 lbs					