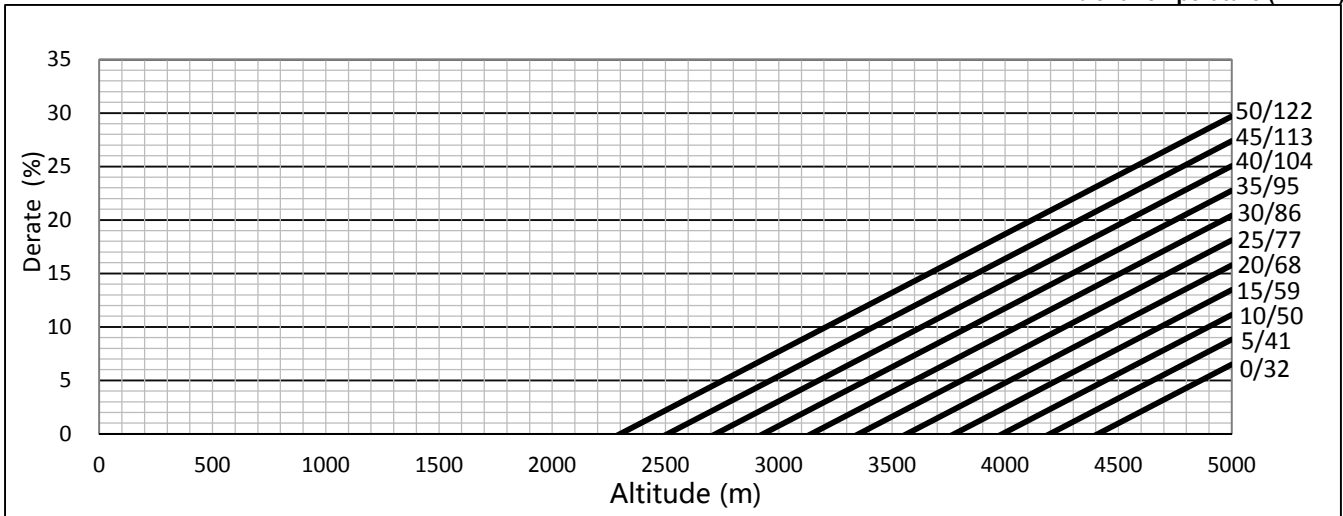


ESP/PRP Power Derate Curves ¹@1500 rpm

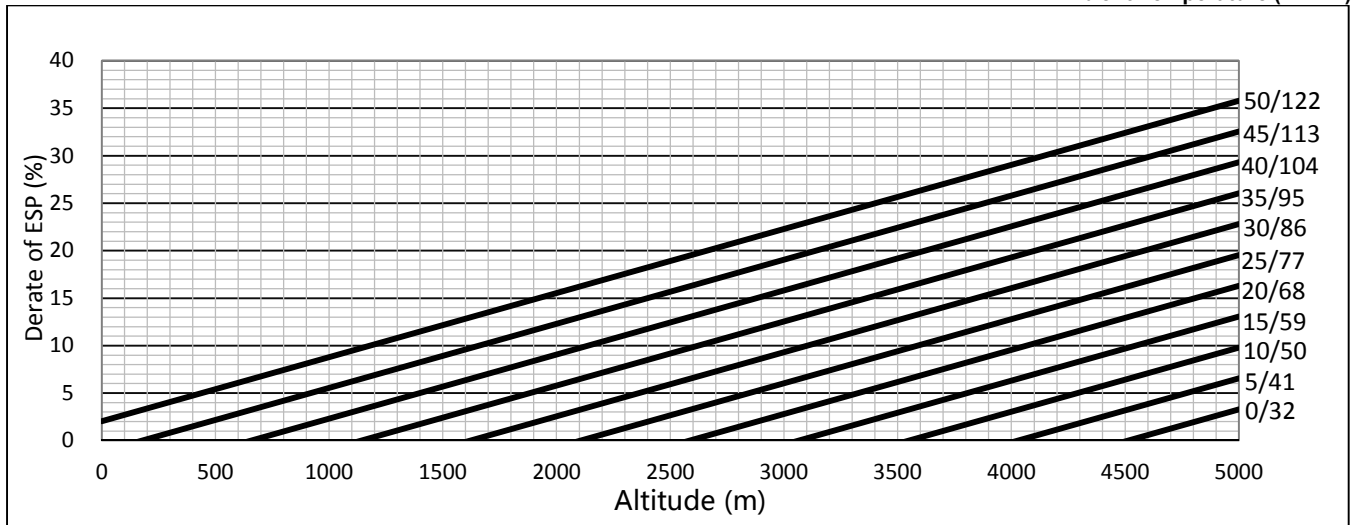
Ambient Temperature (°C / °F)


Gross Power Output (%) ²@1500 rpm

Temp(°C)		-30	-25	-20	-15	-10	-5	0	5	10	15	20	25	30	35	40	45	50
Altitude(m)	0	105.9	105.5	104.8	104.2	103.6	103.2	102.6	102.0	101.5	100.9	100.5	100.0	99.4	98.9	98.5	98.0	97.4
	500	105.3	104.7	104.2	103.6	103.0	102.6	102.0	101.4	100.9	100.3	99.8	99.4	98.8	98.3	97.9	97.4	96.8
	1000	104.7	104.1	103.6	103.0	102.4	101.8	101.4	100.8	100.3	99.7	99.2	98.8	98.2	97.7	97.3	96.8	96.2
	1500	103.9	103.3	102.9	102.3	101.7	101.2	100.6	100.0	99.5	98.9	98.5	98.0	97.4	97.0	96.5	96.1	95.6
	2000	103.2	102.7	102.1	101.5	100.9	100.5	99.8	99.2	98.8	98.2	97.7	97.3	96.7	96.2	95.8	95.3	94.8
	2500	102.4	101.8	101.2	100.6	100.2	99.5	98.9	98.5	97.9	97.4	97.0	96.4	95.9	95.5	95.0	94.2	93.6
	3000	101.5	100.9	100.5	99.8	99.2	98.8	98.2	97.6	97.1	96.5	96.1	95.6	95.0	94.5	94.1	93.2	92.3
	3500	100.5	99.8	99.2	98.8	98.2	97.6	97.1	96.5	96.1	95.6	95.0	94.5	94.1	92.9	91.8	90.2	88.6
	4000	99.2	98.8	98.2	97.6	97.1	96.5	96.1	95.6	95.0	94.5	94.1	93.5	93.0	91.2	89.4	87.3	85.0
	4500	97.9	97.4	96.8	96.4	95.8	95.3	94.7	94.2	93.8	92.1	90.6	88.6	86.5	84.5	82.4	80.0	77.6
	5000	96.5	96.1	95.5	95.0	94.4	93.9	93.5	92.9	92.4	89.8	87.1	83.6	80.2	77.7	75.5	72.9	70.3
	5500	95.0	94.5	93.9	92.6	91.2	89.4	87.6	85.9	84.1	81.5	78.8	75.8	72.9	70.5	68.2	65.9	63.5

ESP/PRP Power Derate Curves ¹@1800 rpm

Ambient Temperature (°C / °F)


Gross Power Output (%) ²@1800rpm

Temp(°C)		-30	-25	-20	-15	-10	-5	0	5	10	15	20	25	30	35	40	45	50
Altitude(m)	0	84.1	85.9	87.5	89.1	90.6	92.0	93.4	94.5	95.8	96.9	98.0	99.1	100.3	100.0	99.6	99.1	98.8
	500	88.0	89.6	91.3	92.8	94.3	95.5	96.9	98.0	99.3	100.4	100.8	100.3	99.8	99.4	98.9	98.5	98.1
	1000	92.1	93.8	95.3	96.8	98.1	99.4	100.6	101.4	100.9	100.5	100.0	99.5	99.6	98.6	98.1	97.5	92.6
	1500	96.1	97.8	99.3	101.9	102.0	101.5	101.1	100.6	100.1	99.6	99.3	98.8	98.3	97.9	96.5	91.8	87.3
	2000	100.3	101.8	102.1	101.6	101.1	100.6	100.3	99.8	99.3	98.9	98.4	97.9	97.5	95.4	90.8	86.4	82.0
	2500	102.3	101.8	101.3	100.8	100.3	99.9	99.4	98.9	98.4	98.0	97.5	97.0	94.1	89.6	85.3	81.0	77.0
	3000	101.3	100.9	100.4	99.9	99.4	98.9	98.4	97.9	97.5	97.0	96.1	92.4	88.1	83.9	79.8	75.9	72.1
	3500	100.4	99.9	99.4	98.9	98.5	98.0	97.5	97.0	95.6	93.0	90.6	86.8	82.8	78.8	75.0	71.3	67.8
	4000	99.3	98.8	98.4	97.9	97.4	96.9	94.8	92.1	89.8	87.3	85.0	81.1	77.4	73.6	70.0	66.6	63.3
	4500	98.3	97.8	97.3	96.0	93.6	91.3	88.9	86.5	84.1	81.9	79.5	75.9	72.3	68.9	65.5	62.3	59.3
	5000	95.9	95.5	95.0	93.9	92.8	91.3	83.3	81.0	78.9	76.8	74.3	70.9	67.5	64.3	61.1	58.1	55.3
	5500	90.8	88.5	86.3	84.0	82.0	79.9	77.9	75.8	73.9	71.9	69.3	66.1	63.0	60.0	57.1	54.3	51.5

¹ The power derate of PRP and ESP is simulated based on the engine cooling circuits performance ;

² To calculate the available engine's power output at the specified ambient conditions, please consult the table values and contact Baudouin Application Engineering.