Stone Productions' AW139 Performance calculator

This spreadsheet is an automated tool for interpreting flight manual data graphs. With this spreadsheet a significant range of helicopter performance indicators are determined in a few seconds where working through all the required graphs would take about 30 minutes.

Simply enter Weight, Pressure Altitude and Temp and get your performance indicators. All output data can be checked against the graphs that are filled in for you automatically.

Is that a simple smart solution!

Snippets from application:

AW139 Performance calculator

Input:

PA	2000	ft
Temp	28	deg C
Weight	6400	kg
Head Wind component	5	kts

Output:

HV-Diagram	H	V	ft / kts
A =	25	0	
B =	30	20	
C =	**142**	0	

Height Loss Hover SE	100	ft
Hover Ceiling OGE 2.5 min OEI EAPS OFF	4960	kg
ROC MCP 6000kg (EAPS OFF)	628	fpm
ROC MCP 6400kg (EAPS OFF)	491	fpm
ROC MCP 6400kg (EAPS ON)	347	fpm
Weight Limit CAT-A Confined Area	6119	kg

Input:		
PA	2000	ft
Temp	28	deg C
Weight	6400	kg

Output:			
HV-Diagram	H	V	ft / kts
A =	25	0	
B =	30	20	
C =	142	0	

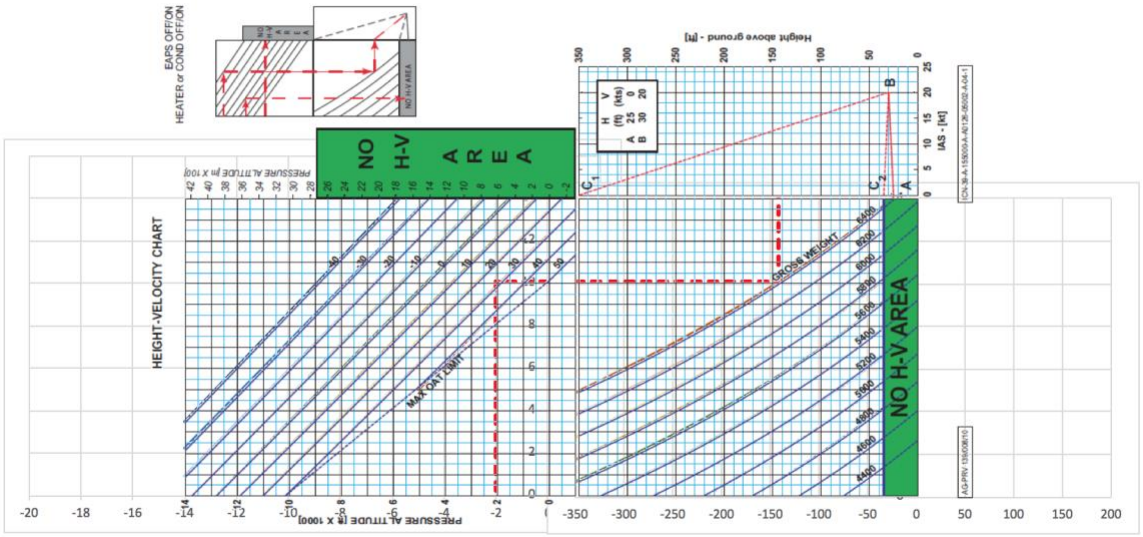

Figure 1-2 Height Velocity Chart EAPS OFF/ON (HEATER or COND OFF/ON)

Stone Productions can develop similar products for your aircraft or equipment.
For any inquiries contact Stone Productions.
www.stoneproductions.com.au/contact.html