

GRC43M PERFORMANCE REPORT

LOAD: HALF (421,364LBS)

HALF FUEL, HALF WATER, FULL LUBE OIL, GREY WATER EMPTY, BLACK WATER AT OPERATING LEVEL, 24 CREW W/GEAR

CONDITIONS

DEPTH: 200+FT AIR TP: 40F SEAS: SS1
 WIND: 0-20KT BAR: 1023

RPM	SPEED KTS (GPS)			FUEL GPH - MTU FLOW METERS			RANGE
	1	2	AVG	P	S	TOTAL	NM
500	7.6	7.4	7.5	4.9	5.2	10.1	6994
600	8.3	9.7	9.0	7.7	7.7	15.4	5973
700	10.5	9.5	10.0	11.2	11.1	22.3	4826
825	12.0	12.3	12.2	17.5	17.3	34.8	3932
900	13.0	13.3	13.2	22.9	22.6	45.4	3327
1000	14.6	13.8	14.2	30.6	29.6	60.2	2754
1100	16.0	15.9	16.0	39.4	38.6	78.0	2413
1200	16.3	18.6	17.5	49.1	47.6	96.6	2147
1300	17.8	18.5	18.2	62.2	59.8	122.1	1780
1400	18.5	21.7	20.1	74.5	73.0	147.5	1638
1500	21.4	22.8	22.1	92.2	90.2	182.4	1462
1600	22.8	24.8	23.8	113.7	111.7	225.5	1278
1725	24.7	28.0	26.4	129.5	127.5	257.0	1243
1800	26.7	29.4	28.1	147.2	144.2	291.3	1169
1900	29.0	31.2	30.1	166.3	163.3	329.6	1110
2000	30.3	32.3	31.3	185.6	182.6	368.2	1035
FLANK 2055	32.6	32.5	32.6	195.0	191.0	385.9	1027

Range is calculated with 10% fuel remaining and includes (1) generator at cruise load