

Forms (Hows)

NXT Brick	Operational Range	Ground Clearance	Fuel Capacity	Weight Margin	Onboard Communications	Drive Train	Chassis	IED Sensor
3	3	3	3	1		9	1	
								9
3	3	3	3		3	3		3
	3				9			
					1	1		3
	3				9			
3			3	9		3	3	
9								
9								

Functions (Whats)

Provide Mobility	0.0721	0.0721
Provide IED Sensor Capability	0.1247	0.1247
Conduct Area Search	0.1399	0.1399
Alert Users of IED Hazard	0.1247	0.1247
Facilitate Area IED Clearance	0.1756	0.1756
Report IED Search Results	0.0339	0.0339
Minimize Size, Weight, Power Requirements	0.1315	0.1315
Alert Operator of Maintenance Requirements	0.0755	0.0755
Perform Initialization Self-Diagnostic	0.1221	0.1221
Check Sum	1.0000	1.00

Goal (Objective) Value

Threshold Value

Weighted Performance

Percent Performance

2.1	0.5	1.6	2.0	1.3	1.0	0.6	1.1	2.8	13.0
0.159	0.036	0.126	0.155	0.096	0.079	0.049	0.085	0.215	1.000

Check

