

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	0.0708	0.0708
Provide IED Sensor Capability	0.1238	0.1238
Conduct Area Search	0.1343	0.1343
Alert Users of IED Hazard	0.1238	0.1238
Facilitate Area IED Clearance	0.1885	0.1885
Report IED Search Results	0.0318	0.0318
Minimize Size, Weight, Power Requirements	0.1057	0.1057
Alert Operator of Maintenance Requirements	0.0884	0.0884
Perform Initialization Self-Diagnostic	0.1328	0.1328

Check Sum 1.0000 1.00

Goal (Objective) Value

Threshold Value

Weighted Performance

Percent Performance

2.1	0.4	1.5	2.0	1.0	0.9	0.6	1.1	2.9	12.6
0.166	0.031	0.123	0.158	0.081	0.074	0.049	0.086	0.232	1.000

Check

