

+	Benchmark is more favored than datum
=	Benchmark is equally favored to datum
-	Benchmark is less favored than datum

	2-DOF Robot Arm	ATLAS I (Datum)	3D Printer Design/Guide Rails
Criteria	Force touch tip on the end of a robot arm.	Original ATLAS Prototype; based on 2-DOF arm.	Similar to a 3D printer.
Stability	=		+
Manufacturability	=		=
Weight	=	D	-
Cost/Budget Impact	+	A	-
Wiring Setup	-	T	+
Software	-	U	-
Scalability	+	M	+
Invertibility	=		+
Positives Sum (+)	2		4
Negatives Sum (-)	2		3
Total Sum	0		1