



Testing Summary for Retrofit Hook Kit for the Dell Latitude Rugged Laptop Docking Station (7110-1385)

Summary of Tests Performed at Gamber-Johnson

Test Description	Test Parameters
Vibration – Operational November, 2021	MIL-STD-810H, Method 514.8, Procedure 1, Category 4, per Figure 514.8C-1. Test duration is one hour along three mutually orthogonal axes – not simultaneously (3 hours total). <ul style="list-style-type: none"> • Unit is unlocked
Vibration – Non-Operational (Minimum Integrity) November, 2021	MIL-STD-810H, Method 514.8, Category 24, per Figure 514.8E-1. Test duration is one hour along three mutually orthogonal axes – not simultaneously. <ul style="list-style-type: none"> • Unit is unlocked
Functional Shock - Non-Operational November, 2021	MIL-STD-810H, Method 516.8, Procedure 1, 3 positive and 3 negative pulses each axis (vertical, longitudinal and transverse), 18 pulses <ul style="list-style-type: none"> • 20G, 11ms half sine • Unit is unlocked
Mechanical Shock Safety - Non-Operational November, 2021	MIL-STD-810H, Method 516.8, Procedure 1, 3 positive and 3 negative pulses each axis (vertical, longitudinal and transverse), 18 pulses <ul style="list-style-type: none"> • 40G, 11ms half sine • Unit is unlocked
Cycle Testing – Non-Operational November, 2021	30,000 cycles of the docking connector, latching and locking mechanisms

Summary of Tests Performed at Independent Facility

Test Description	Test Parameters
Shock – Crash Hazard October, 2021	SAE J1455, Section 4.11.3.5, per Figure 13 <ul style="list-style-type: none"> • Unit is unlocked

An ISO 9001:2008 certified company

Gamber-Johnson LLC · 5001 Joerns Drive · Stevens Point, Wisconsin 54481
 PHONE: 1-715-344-3482 · FAX: 1-715-344-5209 · EMAIL: gamberj@gamberjohnson.com ·
www.gamberjohnson.com