

Report No: 2020122569
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Sample Accepted on : 09.12.2020
Report Date: 25.12.2020
Total number of pages : 5 (pg)

Sample ID : **ULTIMATE READYSCOPE VIDEOSCOPE**

	TEST	METHOD	RESULT
*	SHOCK	MIL STD 810G	PASS



Seal

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Environment

The requirements and standards apply to equipment intended for use in

X	Residential (domestic) environment
X	Commercial and light-industrial environment
X	Industrial environment
X	Medical environment

MIL STD 810G – SHOCK**SCOPE**

Shock tests are performed to:

- provide a degree of confidence that materiel can physically and functionally withstand the relatively infrequent, non-repetitive shocks encountered in handling, transportation, and service environments. This may include an assessment of the overall materiel system integrity for safety purposes in any one or all of the handling, transportation, and service environments;
- determine the materiel's fragility level, in order that packaging may be designed to protect the materiel's physical and functional integrity; and
- test the strength of devices that attach materiel to platforms that can crash.

Procedure IV - Transit Drop

The intent of this test is to determine the structural and functional integrity of the materiel to a transit drop either outside or in its transit or combination case. Perform all tests with a quick release hook or drop tester.

Weight of Test Item & Case kg	Largest Dimension, cm (in)	Notes	Height of Drop, h cm (in)	Number of Drops
Under 45.4 Manpacked or man-portable	Under 91	A/	122	Drop on each face, edge and corner; total of 26 drops D/

A/ Perform drops from a quick-release hook or drop tester. Orient the test item so that, upon impact, a line from the struck corner or edge to the center of gravity of the case and contents is perpendicular to the impact surface.

D/ If desired, divide the 26 drops among no more than five test items.

Procedure IV – Transit Drop

- Step 1. After performing a visual inspection and operational check for baseline data, install the test item in its transit or combination case as prepared for field use.
- Step 2. Determine the height of the drops to be performed, the number of drops per test item, and the drop surface.
- Step 3. Perform the required drops using the apparatus and requirements . Recommend visually and/or operationally checking the test item periodically during the drop test to simplify any follow-on evaluation that may be required.
- Step 4. Document the impact point or surface for each drop and any obvious damage.
- Step 5. Following completion of the required drops, visually examine the test item(s), and document the results.
- Step 6. Conduct an operational checkout in accordance with the approved test plan.

TEST RESULTS

Sample ID	Largest Dimension, cm (in)	Height of Drop, h cm (in)	Number of Drops	Explanation	Result
ULTIMATE READYSCOPE VIDEOSCOPE	Under 91	122	1	No damage or loss of performance was observed in the sample.	PASS
	Under 91	122	2	No damage or loss of performance was observed in the sample.	PASS
	Under 91	122	3	No damage or loss of performance was observed in the sample.	PASS
	Under 91	122	4	No damage or loss of performance was observed in the sample.	PASS
	Under 91	122	5	No damage or loss of performance was observed in the sample.	PASS
	Under 91	122	6	No damage or loss of performance was observed in the sample.	PASS
	Under 91	122	7	No damage or loss of performance was observed in the sample.	PASS
	Under 91	122	8	No damage or loss of performance was observed in the sample.	PASS
	Under 91	122	9	No damage or loss of performance was observed in the sample.	PASS
	Under 91	122	10	No damage or loss of performance was observed in the sample.	PASS
	Under 91	122	11	No damage or loss of performance was observed in the sample.	PASS
	Under 91	122	12	No damage or loss of performance was observed in the sample.	PASS
	Under 91	122	13	No damage or loss of performance was observed in the sample.	PASS
	Under 91	122	14	No damage or loss of performance was observed in the sample.	PASS
	Under 91	122	15	No damage or loss of performance was observed in the sample.	PASS
	Under 91	122	16	No damage or loss of performance was observed in the sample.	PASS
	Under 91	122	17	No damage or loss of performance was observed in the sample.	PASS
	Under 91	122	18	No damage or loss of performance was observed in the sample.	PASS

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Under 91	122	19	No damage or loss of performance was observed in the sample.	PASS
Under 91	122	20	No damage or loss of performance was observed in the sample.	PASS
Under 91	122	21	No damage or loss of performance was observed in the sample.	PASS
Under 91	122	22	No damage or loss of performance was observed in the sample.	PASS
Under 91	122	23	No damage or loss of performance was observed in the sample.	PASS
Under 91	122	24	No damage or loss of performance was observed in the sample.	PASS
Under 91	122	25	No damage or loss of performance was observed in the sample.	PASS
Under 91	122	26	No damage or loss of performance was observed in the sample.	PASS
Under 91	122	27	No damage or loss of performance was observed in the sample.	PASS
Under 91	122	28	No damage or loss of performance was observed in the sample.	PASS
Under 91	122	29	No damage or loss of performance was observed in the sample.	PASS

IMAGE*****END OF RESULT*****