

TEST DATA SHEET
For Fuel Quantity Event
P/N 611-00049



TEAM:

Reference: Current revision of Test Plan 84-611-00049

STEP	REQUIREMENT	MEASUREMENT	TOL ±	PASS	FAIL
System Insulation Tests					
4.D.6	L/H = (LO-Z/HI-Z)		> 100MΩ		
4.D.8	L/S = (LO-Z/SHIELD)		> 5MΩ		
	L/G = (LO-Z/GROUND)		> 5MΩ		
	H/G = (HI-Z/GROUND)		> 5MΩ		
	H/S = (HI-Z/SHIELD)		> 5MΩ		
	S/G = (SHIELD/GROUND)		> 1MΩ		
4.D.10	L/C = (LO-Z/COMP)		> 100MΩ		
	C/H = (COMP/HI-Z)		> 100MΩ		
	C/S = (COMP/SHIELD)		> 5MΩ		
	C/G = (COMP/GROUND)		> 5MΩ		
System Capacitance Tests					
5.D.5	Tank = 303.5pF		± 5.0pF		
5.D.8	Comp = 39.0pF		± 2.0pF		
Indicator Tests					
6.D.6	Indicator Reads 0 LBS		± 250 LBS		
6.D.14	Indicator Reads 10,000 LBS		± 500 LBS		
Probe Insulation Tests					
7.D.7	L/H = (LO-Z/HI-Z) (COMP)		> 100MΩ		
7.D.9	L/S = (LO-Z/SHIELD)		> 5MΩ		
	L/G = (LO-Z/GROUND)		> 5MΩ		
	H/G = (HI-Z/GROUND)		> 5MΩ		
	H/S = (HI-Z/SHIELD)		> 5MΩ		
	S/G = (SHIELD/GROUND)		> 1MΩ		
7.D.10	L/H = (LO-Z/HI-Z) (TU1)		> 100MΩ		
	L/S = (LO-Z/SHIELD)		> 5MΩ		
	L/G = (LO-Z/GROUND)		> 5MΩ		
	H/G = (HI-Z/GROUND)		> 5MΩ		
	H/S = (HI-Z/SHIELD)		> 5MΩ		
	S/G = (SHIELD/GROUND)		> 1MΩ		
7.D.11	L/H = (LO-Z/HI-Z) (TU2)		> 100MΩ		
	L/S = (LO-Z/SHIELD)		> 5MΩ		
	L/G = (LO-Z/GROUND)		> 5MΩ		
	H/G = (HI-Z/GROUND)		> 5MΩ		
	H/S = (HI-Z/SHIELD)		> 5MΩ		
	S/G = (SHIELD/GROUND)		> 1MΩ		
7.D.12	L/H = (LO-Z/HI-Z) (TU3)		> 100MΩ		
	L/S = (LO-Z/SHIELD)		> 5MΩ		
	L/G = (LO-Z/GROUND)		> 5MΩ		
	H/G = (HI-Z/GROUND)		> 5MΩ		
	H/S = (HI-Z/SHIELD)		> 5MΩ		
	S/G = (SHIELD/GROUND)		> 1MΩ		

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	Probe Insulation Tests				
7.D.13	L/H (LO-Z/HI-Z) (TU4)		> 100MΩ		
	L/S (LO-Z/SHIELD)		> 5MΩ		
	L/G (LO-Z/GROUND)		> 5MΩ		
	H/G (HI-Z/GROUND)		> 5MΩ		
	H/S (HI-Z/SHIELD)		> 5MΩ		
	S/G (SHIELD/GROUND)		> 1MΩ		
7.D.14	L/H (LO-Z/HI-Z) (TU5)		> 100MΩ		
	L/S (LO-Z/SHIELD)		> 5MΩ		
	L/G (LO-Z/GROUND)		> 5MΩ		
	H/G (HI-Z/GROUND)		> 5MΩ		
	H/S (HI-Z/SHIELD)		> 5MΩ		
	S/G (SHIELD/GROUND)		> 1MΩ		
7.D.15	L/H (LO-Z/HI-Z) (TU6)		> 100MΩ		
	L/S (LO-Z/SHIELD)		> 5MΩ		
	L/G (LO-Z/GROUND)		> 5MΩ		
	H/G (HI-Z/GROUND)		> 5MΩ		
	H/S (HI-Z/SHIELD)		> 5MΩ		
	S/G (SHIELD/GROUND)		> 1MΩ		
	Probe Capacitance Tests				
8.D.6	COMP = 39.0pF		± 2.0pF		
8.D.7	TU1 = 78.5pF		± 2.0pF		
	TU2 = 65.0pF		± 2.0pF		
	TU3 = 55.0pF		± 2.0pF		
	TU4 = 45.0pF		± 2.0pF		
	TU5 = 35.0pF		± 2.0pF		
	TU6 = 25.0pF		± 2.0pF		
	System Verification				
9.D.5	0 LBS		± 250 LBS		
9.D.8	10,000 LBS		± 500 LBS		

TIME: (From 15 Minute Countdown Timer) _____ : ____

PENALTIES:

Add 1 Minute Failure To Find & Repair Problem _____ : ____
 Failure To Verify System _____ : ____
 Failure To Observe A CAUTION _____ : ____

Add 3 Minutes Found Loitering _____ : ____

ADJUSTMENTS: SUM _____ : ____

SCORE: FINAL _____ : ____