EMA Activation Date: Thruster Test Stand

Operator:	D.GONZALES
Test Date:	22-Jun-09

EMA P/N:	508358-421
Lot #:	3500403

TABLE 1 MODULE TRIGGER TIME

Dash NO.	16g / 90ms (note 3)	21g / 60ms (note 4)	26g / 50ms (note 5)
-401, -405 -413, -417	50 ± 3ms	N/A	N/A
-403, -407 -415, -419	42 ± 3ms	N/A	N/A
-409, -411 -421, -423	N/A	37 ± 2ms	29 ± 2ms

Note 3: Module trigger time when subjected to a 9.37g / 55ms Sawtooth pulse. Output to be verified through pins A & B.

Note 4: Module trigger time when subjected to a 14.54g / 43ms Sawtooth pulse. Output to be verified through pins A & B.

Note 5: Module trigger time when subjected to a 17.5g / 35ms Sawtooth pulse. Output to be verified through pins A & B.

Sawtooth #1		Sawtooth #2	
Peak (g):	14.54	Peak (g):	17.50
Width (ms):	43.00	Width (ms):	35.00
TTF Min (ms):	35.00	TTF Min (ms):	27.00
TTF Max (ms):	39.00	TTF Max (ms):	31.00
Thruster zero:	375.0	Thruster zero:	379.8

Serial Number	Time To Fire (TTF)		Time To Fire (TTF)		Pass / Fail
	Thruster Time	Actual Time	Thruster Time	Actual Time	
15DEC06-77	411.91	36.9	408.79	29.0	PASS

EMA Activation Date: Thruster Test Stand

Operator:	D.GONZALES
Test Date:	22-Jun-09

EMA P/N:	508358-421
Lot #:	10210008

TABLE 1 MODULE TRIGGER TIME

Dash NO.	16g / 90ms (note 3)	21g / 60ms (note 4)	26g / 50ms (note 5)
-401, -405 -413, -417	50 ± 3ms	N/A	N/A
-403, -407 -415, -419	42 ± 3ms	N/A	N/A
-409, -411 -421, -423	N/A	37 ± 2ms	29 ± 2ms

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Serial Number	Time To Fire (TTF)		Time To Fire (TTF)		Pass / Fail
	Thruster Time	Actual Time	Thruster Time	Actual Time	
17APR06-35	411.91	36.9	408.79	29.0	PASS