

COMBINED TEMP./ALTITUDE TEST REPORT

Company : Traco Electronic Co. Ltd.
Address : Jenatschstr. 1., CH-8002 ZURICH , Switzerland
Model Name : TMR 0511, TMR 0521, TMR 3-1210WI, TMR 3-2411WI
Multiple List : Please see 1.1 description of unit on page 2
Date Received : JUL 29, 2011
Date Tested : JUL 29, 2011 ~ AUG 01, 2011

TESTING LABORATORY IS ACCREDITED BY:

IEC/IECQ 17025 certificate of independent test laboratory approval

Certificate No. : T1091

ISO 17025 accredited in respect of laboratory is approved by TAF

Certificate No. : L0835-090819

ISO 9001 certificate is approved by TUV CERT certification body of TUV NORD Cert GmbH

WE HEREBY CERTIFY THAT:

The test(s) shown in the attachment were conducted according to the indicating procedures. We assume full responsibility for the accuracy and completeness of these tests and vouch for the qualifications of all personnel performing them.

	Name	Signature	Date
Test Engineer	Yutsai Chen	<i>Yutsai Chen</i>	<i>Aug 03, 2011</i>
Manager	General Lee	<i>General</i>	<i>Aug 03, 2011</i>

NOTE :

1. This report will be invalid if reproduced in part or altered in any way.
2. This report refers only to the specimen(s) submitted to test, and is invalid if used otherwise.
3. This report is ONLY valid with the examination seal and signature of this institute.
4. The tested specimen(s) will only be preserved for thirty days from the date issued, if not collected by the applicant.



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1. GENERAL INFORMATION

1.1 DESCRIPTION OF UNIT

Manufacturer : Traco Electronic Co. Ltd.

Model name and Sample quantity : (Total of 4 units)

Model name	Sample quantity
TMR 0511	1 unit
TMR 0521	1 unit
TMR 3-1210WI	1 unit
TMR 3-2411WI	1 unit

Multiple list :

Multiple list			
TMR 0510	TMR 1223	TMR 4813	TMR 3-2412WI
TMR 0514	TMR 2410	TMR 4821	TMR 3-2413WI
TMR 0512	TMR 2411	TMR 4822	TMR 3-2421WI
TMR 0513	TMR 2414	TMR 4823	TMR 3-2422WI
TMR 0522	TMR 2412	TMR 3-1211WI	TMR 3-2423WI
TMR 0523	TMR 2413	TMR 3-1209WI	TMR 3-4810WI
TMR 1210	TMR 2421	TMR 3-1212WI	TMR 3-4811WI
TMR 1211	TMR 2422	TMR 3-1213WI	TMR 3-4809WI
TMR 1214	TMR 2423	TMR 3-1221WI	TMR 3-4812WI
TMR 1212	TMR 4810	TMR 3-1222WI	TMR 3-4813WI
TMR 1213	TMR 4811	TMR 3-1223WI	TMR 3-4821WI
TMR 1221	TMR 4814	TMR 3-2410WI	TMR 3-4822WI
TMR 1222	TMR 4812	TMR 3-2409WI	TMR 3-4823WI

1.2 UNIT OPERATING CONDITION:

During operating testing, unit power is on and functional.

2. COMBINED TEMP./ALTITUDE TEST

2.1 TEST EQUIPMENT

Model	Serial Number	Calibration Date
THERMOTRON FA-64-7800	34035	JUN. 14, 2011

2.2 LABORATORY AMBIENCE CONDITION

Temperature : $23 \pm 3^{\circ}\text{C}$

Relative humidity : $55\% \pm 3\%$ (RH)

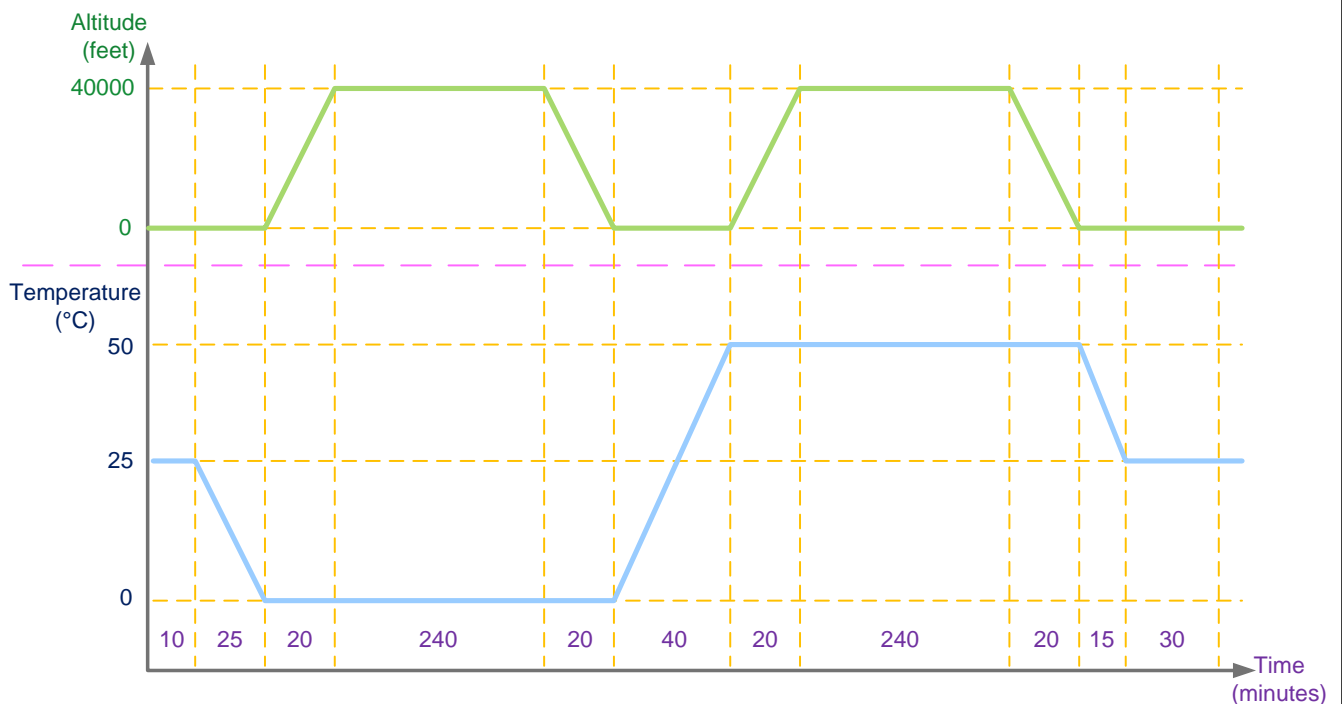
2.3 REFERENCE DOCUMENT

The test refers to MIL-STD 810F test method.

2.4 TEST CONDITION

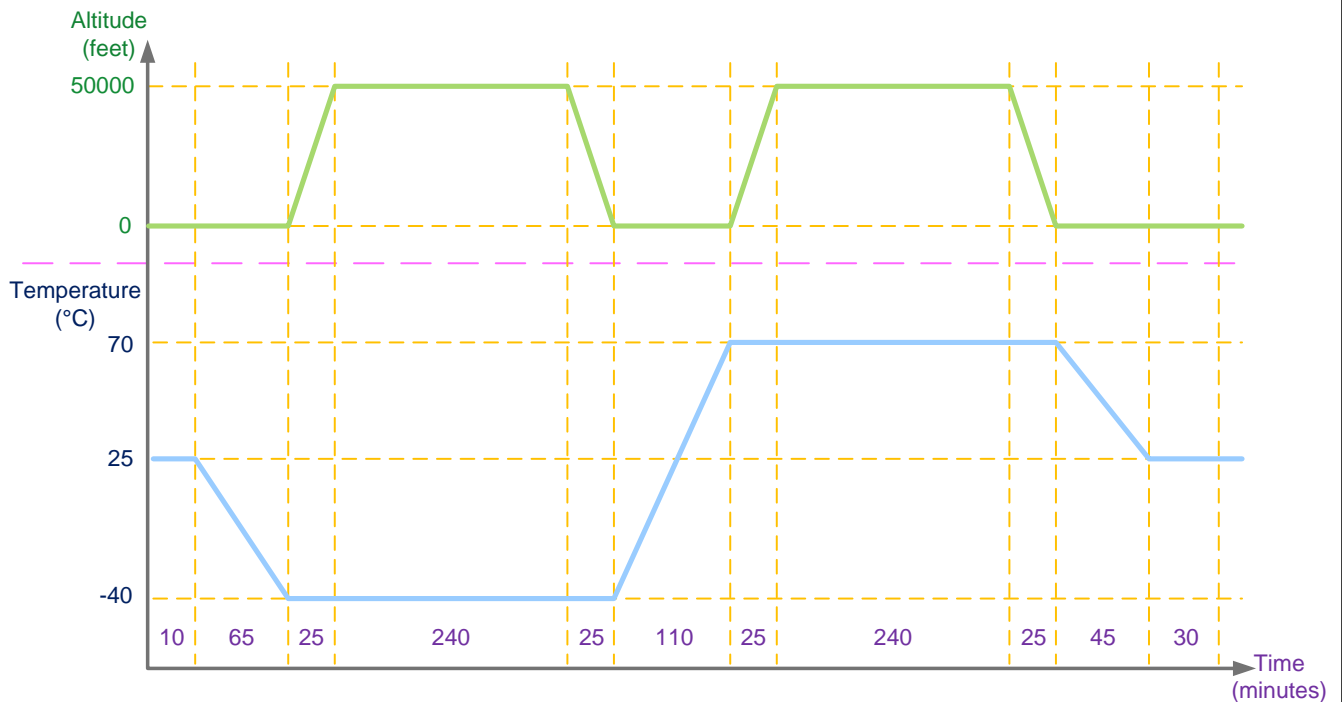
2.4.1 Test Condition 1

Units are operating.



2.4.2 Test Condition 2

Units are non-operating.





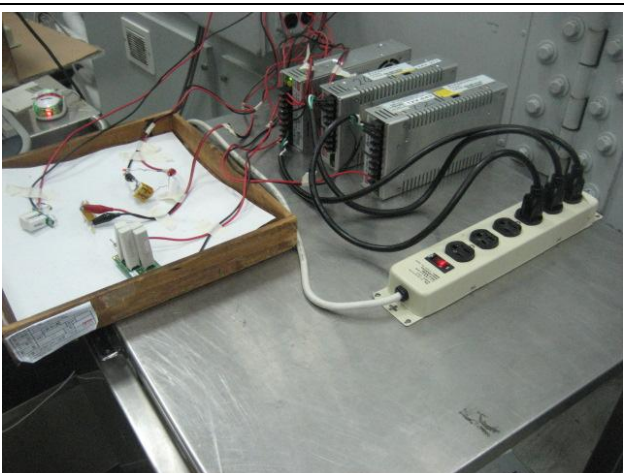


2.5 SUMMARY OF TEST

2.5.1 Before, during and after test condition 1, visual inspection showed no physical defect or functional degradation of units.

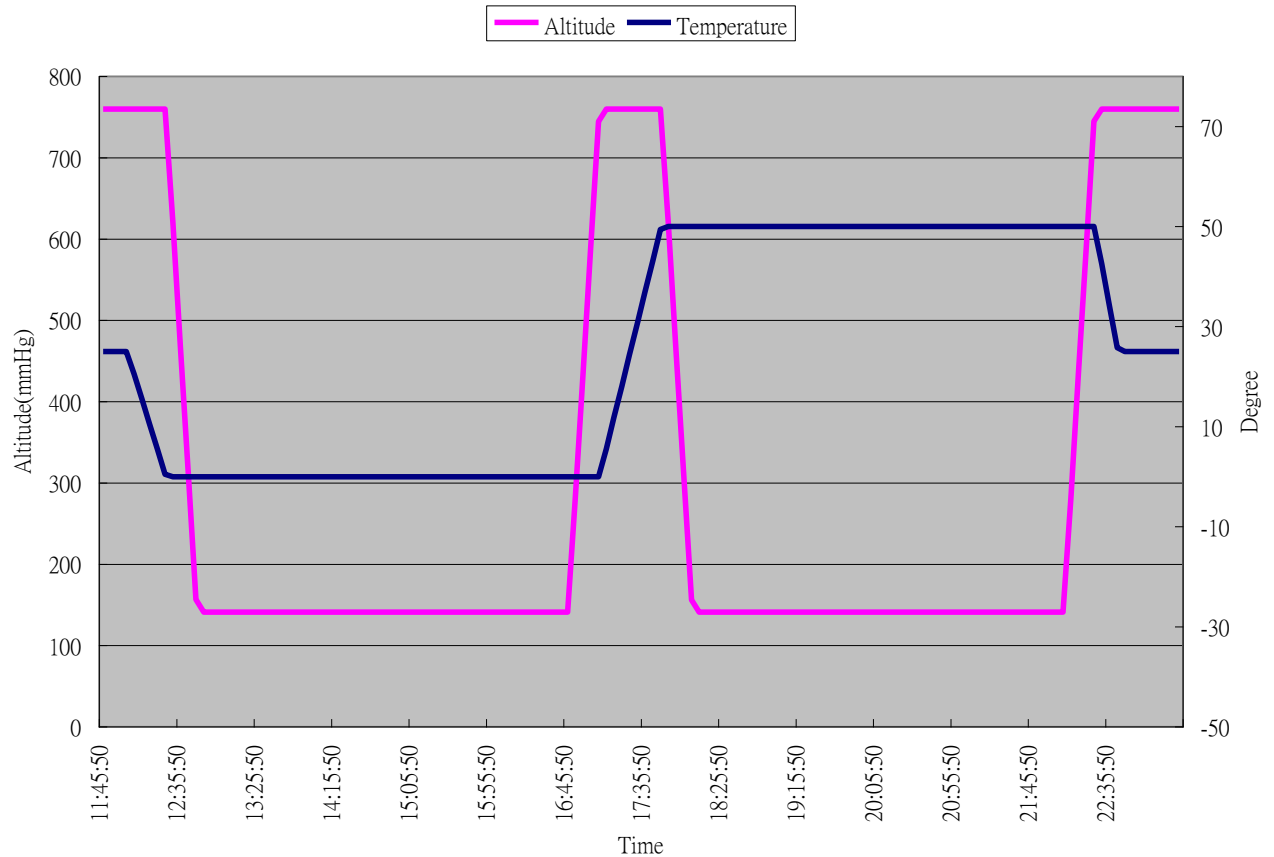
2.5.2 After test condition 2, visual inspection showed no physical defect or functional degradation of units.

Attachment 1 : Photo of combined temp./altitude test setup

Test Condition 1 (Operating)	Test Condition 2 (Non-operating)
	
	
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Attachment 2 : Graph of combined temp./altitude test

Test Condition 1 (Operating)



Test Condition 2 (Non-operating)

