Attachment 1

To

Airworthiness Group Factual Report Addendum 1

Brake Control Unit Test Results

CRANE AEROSPACE & ELECTRONICS

HYDRO-AIRE
P.L. PORTER
A Crane Co. Company

(818) 526-2600 FAX (818) 842-6117 TELEX 677694
FORM # 1834-C (6/93)

RETURNED MATERIALS REPAIR ORDER
AND DISPOSITION REPORT

SERVICE REQ# 152709 | JOB ORDER # 8876106 | PROD LINE CNTRL BOX | **REPAIR STATION #QD3R785L**

PART NO BEFORE MODIFICATION	PART DESCRIPTION	UNIT SERIAL NO	NEW PART NUMBER	NEW SERIAL NUMBER
142-109	CONTROL UNIT ASSY	108	N/A	

CUSTOMER NAME	LOCATION	PURCHASE ORDER NO	SALES ORDER NUMBER	DATE RECEIVED	SHIP DUE DATE
6398 FEDERAL EXPRESS CORPO	MEMPHIS TN	W/A 8/15/06		15-AUG-06	19-SEP-06
		STATUS: NORMAL	RMA NUMBER: 188155		SHIP DATE

CUSTOMER REASON FOR RETURN CODE A25

TEST AND EVALUATE

ACCIDENT INVESTIGATION

CUSTOMER REJ NO | QUANTITY: 1 | A/C TAIL NO

RETURN CATEGORY

1. [ ] OVERHAUL
2. [ ] REPAIR
3. [ ] WARRANTY
4. [ ] REJECTION
5. [ ] MODIFY
6. [X] OTHER

GOVT: [ ] YES [X] NO

FAILURE ANALYSIS REQUIRED

VERIFICATION TEST RESULTS CODE:

[ ] VALID [ ] INVALID [ ] NOT APPLICABLE

VISUAL DESCRIPTION

NO BSN LOADS
HAS SCRATCHES SHOWING METAL

2-15-06
GH

FINDINGS

Fails: Bite, Erase Maintenance Memory

Note: Reran Bite Erase Maintenance Memory test and the AS.CU passed the test. The erase failure due to memory not being clear

RESOLUTION CODE

TESTED BY

DATE 8-15-06 TEST AREA 371

INSPECTED BY JIMENEZ, MELISSA DATE: 15-AUG-06

MFG DATE: 01-MAR-2005 PRIOR RETURN

OVERHAUL DATE:

SPECIAL QUALITY ASSURANCE INSTRUCTIONS FOR TESTING

Q.A. ENG

SUMMARY CODE: CORRECTIVE ACTION [ ] APPLICABLE [ ] NOT APPLICABLE WARRANTY HONORED N/A

MAINTENANCE PERFORMED IAW SPEC,REV, DATE

TSN: TSO: CSN: Q.A. ENG CSO: DATE CONTAINER:

CUSTOMER P/N:

HYDRO-AIRE REPAIR

Short Discrete Job Routing Sheet

Report Date: 15-AUG-2006 10:19
Page:1 of 3

Jobs From S876186 To S876186
Sort By Job

Job: S876186

Assembly: 142-109
CONTROL UNIT ASSY
Status: Released

Serial Number:

Job Mass Loaded on 15-AUG-2006 10
Scheduled Start: 15-AUG-06 00:00
Scheduled Complete: 05-SEP-06 00:00
Routing Revision: -- 15-AUG-06 10:19
Total S/U Time: 0
Total Run time: 6
Routing Reference: REPAIR ELECTRONICS

Start Quantity: 1
Lot Size: 0
Sketches:
PART:
DES DOC:
STANDARD REPAIR ROUTING FOR ELECTRONICS

Set-Up	Dept	Dept Name	Que	PCS/Hr	S/U Insp.	Comp.Date	Acpt.	Rjct.	1st Artc.	Inspt.	NCMR	Op Seq:
0	037	Issue & Release	.0417	0		8-15-06	!	Y		8/15		800
0	103	Lab - Engineering Test	0	0		N/A						801
0	224	Engineering Hold	0	0								802
0	190	Verification Test	.0313	1		8-15-06	!					810
0	193	Teardown & Evaluate	.0208	1								820
0	235	WARRANTY DISPOSITION	0	0								822

QUEUE RUN TO MOVE REJECT

```
*********************************************************
*                      TEST SUMMARY                     *
*********************************************************
Filename: c:\ATE\MD10\FUNC\FUNC_142-109-108-08151033.DAT
Test Completed: Tuesday, August 15 2006 12:02:27 PM
MD10 Functional Test Software
software p/n: 299-085401-01.00
*********************************************************


   UUT P/N: 142-109
   UUT S/N: 108
Tester P/N: 299-085
Tester S/N: 103

Work Order: S876186

Test Operator. Jay
            ID: 9480

**********************
  1 FAILURES FOUND
**********************

 Total Test Time : 01:08:35

**********
* FAILED *
**********
```

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**************************************************
*                    TEST LOG                    *
**************************************************
```

00100	Case Ground Test	0.00	<	0.047	<	0.20 VDC
	PASS					
00105	28VDC Power Supply 1	27.00	<	27.773	<	29.00 VDC
	PASS					
00110	28VDC Power Supply 2	27.00	<	27.788	<	29.00 VDC
	PASS					
00200	A/S Left Fail, No Power	0.00	<	0.020	<	0.20 VDC
	PASS					
00205	A/S Fault, No Power	0.00	<	0.020	<	0.20 VDC
	PASS					
00210	A/S Center Fail, No Power	0.00	<	0.020	<	0.20 VDC
	PASS					
00215	A/S Test Only, No Power	0.00	<	0.020	<	0.20 VDC
	PASS					
00220	A/S Right Fail, No Power	0.00	<	0.020	<	0.20 VDC
	PASS					
00225	A/S Left Fail, Bus1 Power ON	13.50	<	13.701	<	16.00 VDC
	PASS					
00230	A/S Fault, Bus1 Power ON	0.00	<	0.127	<	0.20 VDC
	PASS					
00235	A/S Center Fail, Bus1 Power ON	13.50	<	13.711	<	16.00 VDC
	PASS					
00240	A/S Test Only, Bus1 Power ON	13.50	<	13.701	<	16.00 VDC
	PASS					
00245	A/S Right Fail, Bus1 Power ON	13.50	<	13.701	<	16.00 VDC
	PASS					
00250	Indicates 28 vdc Bus-3, CFDS	0001	==	0001		Bool
	PASS					
00255	A/S Left Fail, Bus3 Power ON	13.50	<	13.701	<	16.00 VDC
	PASS					
00260	A/S Fault, Bus3 Power ON	0.00	<	0.127	<	0.20 VDC
	PASS					
00265	A/S Center Fail, Bus3 Power ON	13.50	<	13.701	<	16.00 VDC
	PASS					
00270	A/S Test Only, Bus3 Power ON	13.50	<	13.701	<	16.00 VDC
	PASS					
00275	A/S Right Fail, Bus3 Power ON	13.50	<	13.701	<	16.00 VDC
	PASS					
00280	Indicates 28 vdc Bus-1, CFDS	0001	==	0001		Bool
	PASS					
00285	A/S Left Fail, Bus1&Bus3 Pwr ON	13.50	<	13.789	<	16.00 VDC
	PASS					
00290	A/S Fault, Bus1&Bus3 Pwr ON	13.50	<	13.789	<	16.00 VDC
	PASS					
00295	A/S Center Fail, Bus1&Bus3 Pwr ON	13.50	<	13.809	<	16.00 VDC
	PASS					
00300	A/S Test Only, Bus1&Bus3 Pwr ON	13.50	<	13.789	<	16.00 VDC
	PASS					
00305	A/S Right Fail, Bus1&Bus3 Pwr ON	13.50	<	13.789	<	16.00 VDC
	PASS					
00310	NO FAULTS, Bus1&Bus3 Pwr ON, CFDS	0001	==	0001		Bool
	PASS					

00315	Bus1 Power, VDC	27.00	<	27.773	<	29.00	VDC
	PASS						
00320	Bus1 Power, Current	80.00	<	470.563	<	850.00	mA
	PASS						
00325	Bus3 Power, VDC	27.00	<	27.773	<	29.00	VDC
	PASS						
00330	Bus3 Power, Current	80.00	<	439.313	<	850.00	mA
	PASS						
00335	Internal Fault 32411C,32411D, CFDS	0001	==	0001			Bool
	PASS						
00340	Automatic Test, CFDS	0001	--	0001			Bool
	PASS						
00345	A/S Left Fail ON	0.00	<	0.127	<	0.20	VDC
	PASS						
00350	A/S Left Fail OFF	13.50	<	13.818	<	16.00	VDC
	PASS						
00355	A/S Right Fail ON	0.00	<	0.127	<	0.20	VDC
	PASS						
00360	A/S Right Fail OFF	13.50	<	13.818	<	16.00	VDC
	PASS						
00365	A/S Fault ON	0.00	<	0.127	<	0.20	VDC
	PASS						
00370	A/S Fault OFF	13.50	<	13.828	<	16.00	VDC
	PASS						
00375	A/S Test In Progress ON	17.50	<	18.633	<	19.50	VDC
	PASS						
00380	A/S Test In Progress OFF	0.00	<	0.000	<	0.20	VDC
	PASS						
00385	A/S Test Only ON	0.00	<	0.127	<	0.20	VDC
	PASS						
00390	A/S Test Only OFF	13.50	<	13.828	<	16.00	VDC
	PASS						
00395	A/S Fail to Autobrake ON	0.00	<	0.127	<	0.20	VDC
	PASS						
00400	A/S Fail to Autobrake OFF	13.50	<	13.672	<	16.00	VDC
	PASS						
00405	A/S Center Fail ON	0.00	<	0.127	<	0.20	VDC
	PASS						
00410	A/S Center Fail OFF	13.50	<	13.838	<	16.00	VDC
	PASS						
00415	A/S Test In Progress ON	17.50	<	18.672	<	19.50	VDC
	PASS						
00420	A/S Test In Progress OFF	0.00	<	0.000	<	0.20	VDC
	PASS						
00425	BITE Software ID 03.00	0001	==	0001			Bool
	PASS						
00430	A/S 1 Software ID 02M00	0001	==	0001			Bool
	PASS						
00435	A/S 2 Software ID 02M00	0001	==	0001			Bool
	PASS						
00440	A/S 3 Software ID 02M00	0001	==	0001			Bool
	PASS						
00450	A/S 5 Software ID 02C00	0001	==	0001			Bool
	PASS						
00455	A/S 1 Software ID ERROR	0001	==	0001			Bool
	PASS						

00460	A/S 2 Software ID ERROR	0001 == 0001			Bool
	PASS				
00465	A/S 3 Software ID ERROR	0001 == 0001			Bool
	PASS				
00470	A/S 4 Software ID ERROR	0001 == 0001			Bool
	PASS				
00475	A/S 5 Software ID ERROR	0001 == 0001			Bool
	PASS				
00480	LO FWD XDCR 1 Bias Current	9.00	< 9.886 <	11.00	mA
	PASS				
00485	LI FWD XDCR 2 Bias Current	9.00	< 9.918 <	11.00	mA
	PASS				
00490	RI FWD XDCR 3 Bias Current	9.00	< 9.918 <	11.00	mA
	PASS				
00495	RO FWD XDCR 4 Bias Current	9.00	< 9.918 <	11.00	mA
	PASS				
00500	LO AFT XDCR 5 Bias Current	9.00	< 10.016 <	11.00	mA
	PASS				
00505	LI AFT XDCR 6 Bias Current	9.00	< 9.886 <	11.00	mA
	PASS				
00510	RI AFT XDCR 7 Bias Current	9.00	< 9.951 <	11.00	mA
	PASS				
00515	RO AFT XDCR 8 Bias Current	9.00	< 9.951 <	11.00	mA
	PASS				
00520	C FWD XDCR 9 Bias Current	9.00	< 9.886 <	11.00	mA
	PASS				
00525	C AFT XDCR 10 Bias Current	9.00	< 9.821 <	11.00	mA
	PASS				
00530	SYS1 Valve 1 Bias Current	4.00	< 5.077 <	6.00	mA
	PASS				
00535	SYS1 Valve 2 Bias Current	4.00	< 5.012 <	6.00	mA
	PASS				
00540	SYS1 Valve 3 Bias Current	4.00	< 5.077 <	6.00	mA
	PASS				
00545	SYS1 Valve 4 Bias Current	4.00	< 4.882 <	6.00	mA
	PASS				
00550	SYS1 Valve 5 Bias Current	4.00	< 5.077 <	6.00	mA
	PASS				
00555	SYS1 Valve 6 Bias Current	4.00	< 5.012 <	6.00	mA
	PASS				
00560	SYS1 Valve 7 Bias Current	4.00	< 5.077 <	6.00	mA
	PASS				
00565	SYS1 Valve 8 Bias Current	4.00	< 5.012 <	6.00	mA
	PASS				
00570	SYS1 Valve 9 Bias Current	4.00	< 5.077 <	6.00	mA
	PASS				
00575	SYS1 Valve 10 Bias Current	4.00	< 5.142 <	6.00	mA
	PASS				
00580	SYS3 Valve 1 Bias Current	4.00	< 5.077 <	6.00	mA
	PASS				
00585	SYS3 Valve 2 Bias Current	4.00	< 5.077 <	6.00	mA
	PASS				
00590	SYS3 Valve 3 Bias Current	4.00	< 4.947 <	6.00	mA
	PASS				
00595	SYS3 Valve 4 Bias Current	4.00	< 5.012 <	6.00	mA
	PASS				

00600	SYS3 Valve 5 Bias Current	4.00	<	5.077	<	6.00	mA
	PASS						
00605	SYS3 Valve 6 Bias Current	4.00	<	5.012	<	6.00	mA
	PASS						
00610	SYS3 Valve 7 Bias Current	4.00	<	5.077	<	6.00	mA
	PASS						
00615	SYS3 Valve 8 Bias Current	4.00	<	5.077	<	6.00	mA
	PASS						
00620	SYS3 Valve 9 Bias Current	4.00	<	5.077	<	6.00	mA
	PASS						
00625	SYS3 Valve 10 Bias Current	4.00	<	5.012	<	6.00	mA
	PASS						
00630	LO FWD XDCR 1, short, A/S L	0.00	<	0.127	<	0.20	VDC
	PASS						
00635	LO FWD XDCR 1, short, CFDS	0001	==	0001			Bool
	PASS						
00640	LO FWD XDCR 1, not short, A/S L	13.50	<	13.799	<	16.00	VDC
	PASS						
00645	LO FWD XDCR 1, not short, CFDS	0001	==	0001			Bool
	PASS						
00650	LO FWD XDCR 1, open, A/S L	0.00	<	0.127	<	0.20	VDC
	PASS						
00655	LO FWD XDCR 1, open, CFDS	0001	==	0001			Bool
	PASS						
00660	LO FWD XDCR 1, not open, A/S L	13.50	<	13.799	<	16.00	VDC
	PASS						
00665	LO FWD XDCR 1, not open, CFDS	0001	==	0001			Bool
	PASS						
00670	LI FWD XDCR 2, short, A/S L	0.00	<	0.127	<	0.20	VDC
	PASS						
00675	LI FWD XDCR 2, short, CFDS	0001	==	0001			Bool
	PASS						
00680	LI FWD XDCR 2, not short, A/S L	13.50	<	13.799	<	16.00	VDC
	PASS						
00685	LI FWD XDCR 2, not short, CFDS	0001	==	0001			Bool
	PASS						
00690	LI FWD XDCR 2, open, A/S L	0.00	<	0.127	<	0.20	VDC
	PASS						
00695	LI FWD XDCR 2, open, CFDS	0001	==	0001			Bool
	PASS						
00700	LI FWD XDCR 2, not open, A/S L	13.50	<	13.779	<	16.00	VDC
	PASS						
00705	LI FWD XDCR 2, not open, CFDS	0001	==	0001			Bool
	PASS						
00710	RI FWD XDCR 3, short, A/S R	0.00	<	0.127	<	0.20	VDC
	PASS						
00715	RI FWD XDCR 3, short, CFDS	0001	==	0001			Bool
	PASS						
00720	RI FWD XDCR 3, not short, A/S R	13.50	<	13.789	<	16.00	VDC
	PASS						
00725	RI FWD XDCR 3, not short, CFDS	0001	==	0001			Bool
	PASS						
00730	RI FWD XDCR 3, open, A/S R	0.00	<	0.127	<	0.20	VDC
	PASS						
00735	RI FWD XDCR 3, open, CFDS	0001	==	0001			Bool
	PASS						

00740	RI FWD XDCR 3, not open, A/S R	13.50	<	13.779	<	16.00	VDC
	PASS						
00745	RI FWD XDCR 3, not open, CFDS	0001	==	0001			Bool
	PASS						
00750	RO FWD XDCR 4, short, A/S R	0.00	<	0.127	<	0.20	VDC
	PASS						
00755	RO FWD XDCR 4, short, CFDS	0001	==	0001			Bool
	PASS						
00760	RO FWD XDCR 4, not short, A/S R	13.50	<	13.799	<	16.00	VDC
	PASS						
00765	RO FWD XDCR 4, not short, CFDS	0001	==	0001			Bool
	PASS						
00770	RO FWD XDCR 4, open, A/S R	0.00	<	0.127	<	0.20	VDC
	PASS						
00775	RO FWD XDCR 4, open, CFDS	0001	==	0001			Bool
	PASS						
00780	RO FWD XDCR 4, not open, A/S R	13.50	<	13.789	<	16.00	VDC
	PASS						
00785	RO FWD XDCR 4, not open, CFDS	0001	==	0001			Bool
	PASS						
00790	LO AFT XDCR 5, short, A/S L	0.00	<	0.127	<	0.20	VDC
	PASS						
00795	LO AFT XDCR 5, short, CFDS	0001	==	0001			Bool
	PASS						
00800	LO AFT XDCR 5, not short, A/S L	13.50	<	13.799	<	16.00	VDC
	PASS						
00805	LO AFT XDCR 5, not short, CFDS	0001	==	0001			Bool
	PASS						
00810	LO AFT XDCR 5, open, A/S L	0.00	<	0.127	<	0.20	VDC
	PASS						
00815	LO AFT XDCR 5, open, CFDS	0001	==	0001			Bool
	PASS						
00820	LO AFT XDCR 5, not open, A/S L	13.50	<	13.789	<	16.00	VDC
	PASS						
00825	LO AFT XDCR 5, not open, CFDS	0001	==	0001			Bool
	PASS						
00830	LI AFT XDCR 6, short, A/S L	0.00	<	0.127	<	0.20	VDC
	PASS						
00835	LI AFT XDCR 6, short, CFDS	0001	==	0001			Bool
	PASS						
00840	LI AFT XDCR 6, not short, A/S L	13.50	<	13.799	<	16.00	VDC
	PASS						
00845	LI AFT XDCR 6, not short, CFDS	0001	==	0001			Bool
	PASS						
00850	LI AFT XDCR 6, open, A/S L	0.00	<	0.127	<	0.20	VDC
	PASS						
00855	LI AFT XDCR 6, open, CFDS	0001	==	0001			Bool
	PASS						
00860	LI AFT XDCR 6, not open, A/S L	13.50	<	13.799	<	16.00	VDC
	PASS						
00865	LI AFT XDCR 6, not open, CFDS	0001	==	0001			Bool
	PASS						
00870	RI AFT XDCR 7, short, A/S R	0.00	<	0.127	<	0.20	VDC
	PASS						
00875	RI AFT XDCR 7, short, CFDS	0001	==	0001			Bool
	PASS						

00880	RI AFT XDCR 7, not short, A/S R	13.50	< 13.789 <	16.00	VDC
	PASS				
00885	RI AFT XDCR 7, not short, CFDS	0001	== 0001		Bool
	PASS				
00890	RI AFT XDCR 7, open, A/S R	0.00	< 0.127 <	0.20	VDC
	PASS				
00895	RI AFT XDCR 7, open, CFDS	0001	== 0001		Bool
	PASS				
00900	RI AFT XDCR 7, not open, A/S R	13.50	< 13.789 <	16.00	VDC
	PASS				
00905	RI AFT XDCR 7, not open, CFDS	0001	== 0001		Bool
	PASS				
00910	RO AFT XDCR 8, short, A/S R	0.00	< 0.127 <	0.20	VDC
	PASS				
00915	RO AFT XDCR 8, short, CFDS	0001	== 0001		Bool
	PASS				
00920	RO AFT XDCR 8, not short, A/S R	13.50	< 13.789 <	16.00	VDC
	PASS				
00925	RO AFT XDCR 8, not short, CFDS	0001	== 0001		Bool
	PASS				
00930	RO AFT XDCR 8, open, A/S R	0.00	< 0.127 <	0.20	VDC
	PASS				
00935	RO AFT XDCR 8, open, CFDS	0001	== 0001		Bool
	PASS				
00940	RO AFT XDCR 8, not open, A/S R	13.50	< 13.779 <	16.00	VDC
	PASS				
00945	RO AFT XDCR 8, not open, CFDS	0001	== 0001		Bool
	PASS				
00950	C FWD XDCR 9, short, A/S C	0.00	< 0.127 <	0.20	VDC
	PASS				
00955	C FWD XDCR 9, short, CFDS	0001	== 0001		Bool
	PASS				
00960	C FWD XDCR 9, not short, A/S C	13.50	< 13.809 <	16.00	VDC
	PASS				
00965	C FWD XDCR 9, not short, CFDS	0001	== 0001		Bool
	PASS				
00970	C FWD XDCR 9, open, A/S C	0.00	< 0.127 <	0.20	VDC
	PASS				
00975	C FWD XDCR 9, open, CFDS	0001	== 0001		Bool
	PASS				
00980	C FWD XDCR 9, not open, A/S C	13.50	< 13.789 <	16.00	VDC
	PASS				
00985	C FWD XDCR 9, not open, CFDS	0001	== 0001		Bool
	PASS				
00990	C AFT XDCR 10, short, A/S C	0.00	< 0.137 <	0.20	VDC
	PASS				
00995	C AFT XDCR 10, short, CFDS	0001	== 0001		Bool
	PASS				
01000	C AFT XDCR 10, not short, A/S C	13.50	< 13.799 <	16.00	VDC
	PASS				
01005	C AFT XDCR 10, not short, CFDS	0001	== 0001		Bool
	PASS				
01010	C AFT XDCR 10, open, A/S C	0.00	< 0.127 <	0.20	VDC
	PASS				
01015	C AFT XDCR 10, open, CFDS	0001	== 0001		Bool
	PASS				

01020	C AFT XDCR 10, not open, A/S C	13.50	<	13.789	<	16.00	VDC
	PASS						
01025	C AFT XDCR 10, not open, CFDS	0001	==	0001			Bool
	PASS						
01030	SYS1 Valve 1, Open, A/S L	0.00	<	0.127	<	0.20	VDC
	PASS						
01035	SYS1 Valve 1, Open, CFDS	0001	==	0001			Bool
	PASS						
01040	SYS1 Valve 1, not open, A/S L	13.50	<	13.770	<	16.00	VDC
	PASS						
01045	SYS1 Valve 1, not open, CFDS	0001	==	0001			Bool
	PASS						
01050	SYS1 Valve 1, short, A/S L	0.00	<	0.127	<	0.20	VDC
	PASS						
01055	SYS1 Valve 1, short, CFDS	0001	==	0001			Bool
	PASS						
01060	SYS1 Valve 1, not short, A/S L	13.50	<	13.789	<	16.00	VDC
	PASS						
01065	SYS1 Valve 1, not short, CFDS	0001	==	0001			Bool
	PASS						
01070	SYS1 Valve 2, Open, A/S L	0.00	<	0.127	<	0.20	VDC
	PASS						
01075	SYS1 Valve 2, Open, CFDS	0001	==	0001			Bool
	PASS						
01080	SYS1 Valve 2, not open, A/S L	13.50	<	13.770	<	16.00	VDC
	PASS						
01085	SYS1 Valve 2, not open, CFDS	0001	==	0001			Bool
	PASS						
01090	SYS1 Valve 2, short, A/S L	0.00	<	0.137	<	0.20	VDC
	PASS						
01095	SYS1 Valve 2, short, CFDS	0001	==	0001			Bool
	PASS						
01100	SYS1 Valve 2, not short, A/S L	13.50	<	13.789	<	16.00	VDC
	PASS						
01105	SYS1 Valve 2, not short, CFDS	0001	==	0001			Bool
	PASS						
01110	SYS1 Valve 3, Open, A/S R	0.00	<	0.137	<	0.20	VDC
	PASS						
01115	SYS1 Valve 3, Open, CFDS	0001	==	0001			Bool
	PASS						
01120	SYS1 Valve 3, not open, A/S R	13.50	<	13.770	<	16.00	VDC
	PASS						
01125	SYS1 Valve 3, not open, CFDS	0001	==	0001			Bool
	PASS						
01130	SYS1 Valve 3, short Test, A/S R	0.00	<	0.137	<	0.20	VDC
	PASS						
01135	SYS1 Valve 3, short, CFDS	0001	==	0001			Bool
	PASS						
01140	SYS1 Valve 3, not short, A/S R	13.50	<	13.779	<	16.00	VDC
	PASS						
01145	SYS1 Valve 3, not short, CFDS	0001	==	0001			Bool
	PASS						
01150	SYS1 Valve 4, Open, A/S R	0.00	<	0.127	<	0.20	VDC
	PASS						
01155	SYS1 Valve 4, Open, CFDS	0001	==	0001			Bool
	PASS						

01160	SYS1 Valve 4, not open, A/S R	13.50	<	13.760	<	16.00	VDC
	PASS						
01165	SYS1 Valve 4, not open, CFDS	0001	==	0001			Bool
	PASS						
01170	SYS1 Valve 4, short, A/S R	0.00	<	0.137	<	0.20	VDC
	PASS						
01175	SYS1 Valve 4, short, CFDS	0001	==	0001			Bool
	PASS						
01180	SYS1 Valve 4, not short, A/S R	13.50	<	13.789	<	16.00	VDC
	PASS						
01185	SYS1 Valve 4, not short, CFDS	0001	==	0001			Bool
	PASS						
01190	SYS1 Valve 5, Open, A/S L	0.00	<	0.127	<	0.20	VDC
	PASS						
01195	SYS1 Valve 5, Open, CFDS	0001	==	0001			Bool
	PASS						
01200	SYS1 Valve 5, not open, A/S L	13.50	<	13.770	<	16.00	VDC
	PASS						
01205	SYS1 Valve 5, not open, CFDS	0001	==	0001			Bool
	PASS						
01210	SYS1 Valve 5, short, A/S L	0.00	<	0.137	<	0.20	VDC
	PASS						
01215	SYS1 Valve 5, short, CFDS	0001	==	0001			Bool
	PASS						
01220	SYS1 Valve 5, not short, A/S L	13.50	<	13.789	<	16.00	VDC
	PASS						
01225	SYS1 Valve 5, not short, CFDS	0001	==	0001			Bool
	PASS						
01230	SYS1 Valve 6, Open, A/S L	0.00	<	0.137	<	0.20	VDC
	PASS						
01235	SYS1 Valve 6, Open, CFDS	0001	==	0001			Bool
	PASS						
01240	SYS1 Valve 6, not open, A/S L	13.50	<	13.770	<	16.00	VDC
	PASS						
01245	SYS1 Valve 6, not open, CFDS	0001	==	0001			Bool
	PASS						
01250	SYS1 Valve 6, short, A/S L	0.00	<	0.127	<	0.20	VDC
	PASS						
01255	SYS1 Valve 6, short, CFDS	0001	==	0001			Bool
	PASS						
01260	SYS1 Valve 6, not short, A/S L	13.50	<	13.789	<	16.00	VDC
	PASS						
01265	SYS1 Valve 6, not short, CFDS	0001	==	0001			Bool
	PASS						
01270	SYS1 Valve 7, Open, A/S R	0.00	<	0.127	<	0.20	VDC
	PASS						
01275	SYS1 Valve 7, Open, CFDS	0001	==	0001			Bool
	PASS						
01280	SYS1 Valve 7, not open, A/S R	13.50	<	13.770	<	16.00	VDC
	PASS						
01285	SYS1 Valve 7, not open, CFDS	0001	==	0001			Bool
	PASS						
01290	SYS1 Valve 7, short, A/S R	0.00	<	0.127	<	0.20	VDC
	PASS						
01295	SYS1 Valve 7, short, CFDS	0001	==	0001			Bool
	PASS						

01300	SYS1 Valve 7, not short, A/S R	13.50	< 13.789 <	16.00	VDC
	PASS				
01305	SYS1 Valve 7, not short, CFDS	0001	== 0001		Bool
	PASS				
01310	SYS1 Valve 8, Open, A/S R	0.00	< 0.127 <	0.20	VDC
	PASS				
01315	SYS1 Valve 8, Open, CFDS	0001	== 0001		Bool
	PASS				
01320	SYS1 Valve 8, not open, A/S R	13.50	< 13.770 <	16.00	VDC
	PASS				
01325	SYS1 Valve 8, not open, CFDS	0001	== 0001		Bool
	PASS				
01330	SYS1 Valve 8, short, A/S R	0.00	< 0.127 <	0.20	VDC
	PASS				
01335	SYS1 Valve 8, short, CFDS	0001	== 0001		Bool
	PASS				
01340	SYS1 Valve 8, not short, A/S R	13.50	< 13.779 <	16.00	VDC
	PASS				
01345	SYS1 Valve 8, not short, CFDS	0001	== 0001		Bool
	PASS				
01350	SYS1 Valve 9, Open, A/S C	0.00	< 0.127 <	0.20	VDC
	PASS				
01355	SYS1 Valve 9, Open, CFDS	0001	== 0001		Bool
	PASS				
01360	SYS1 Valve 9, not open, A/S C	13.50	< 13.779 <	16.00	VDC
	PASS				
01365	SYS1 Valve 9, not open, CFDS	0001	== 0001		Bool
	PASS				
01370	SYS1 Valve 9, short, A/S C	0.00	< 0.127 <	0.20	VDC
	PASS				
01375	SYS1 Valve 9, short, CFDS	0001	== 0001		Bool
	PASS				
01380	SYS1 Valve 9, not short, A/S C	13.50	< 13.799 <	16.00	VDC
	PASS				
01385	SYS1 Valve 9, not short, CFDS	0001	== 0001		Bool
	PASS				
01390	SYS1 Valve 10, Open, A/S C	0.00	< 0.127 <	0.20	VDC
	PASS				
01395	SYS1 Valve 10, Open, CFDS	0001	== 0001		Bool
	PASS				
01400	SYS1 Valve 10, not open, A/S C	13.50	< 13.789 <	16.00	VDC
	PASS				
01405	SYS1 Valve 10, not open, CFDS	0001	== 0001		Bool
	PASS				
01410	SYS1 Valve 10, short, A/S C	0.00	< 0.127 <	0.20	VDC
	PASS				
01415	SYS1 Valve 10, short, CFDS	0001	== 0001		Bool
	PASS				
01420	SYS1 Valve 10, not short, A/S C	13.50	< 13.789 <	16.00	VDC
	PASS				
01425	SYS1 Valve 10, not short, CFDS	0001	== 0001		Bool
	PASS				
01430	SYS3 Valve 1, Open, A/S L	0.00	< 0.137 <	0.20	VDC
	PASS				
01435	SYS3 Valve 1, Open, CFDS	0001	== 0001		Bool
	PASS				

01440	SYS3 Valve 1, not open, A/S L	13.50	<	13.770	<	16.00	VDC
	PASS						
01445	SYS3 Valve 1, not open, CFDS	0001	==	0001			Bool
	PASS						
01450	SYS3 Valve 1, short, A/S L	0.00	<	0.127	<	0.20	VDC
	PASS						
01455	SYS3 Valve 1, short, CFDS	0001	==	0001			Bool
	PASS						
01460	SYS3 Valve 1, not short, A/S L	13.50	<	13.789	<	16.00	VDC
	PASS						
01465	SYS3 Valve 1, not short, CFDS	0001	==	0001			Bool
	PASS						
01470	SYS3 Valve 2, Open, A/S L	0.00	<	0.127	<	0.20	VDC
	PASS						
01475	SYS3 Valve 2, Open, CFDS	0001	==	0001			Bool
	PASS						
01480	SYS3 Valve 2, not open, A/S L	13.50	<	13.770	<	16.00	VDC
	PASS						
01485	SYS3 Valve 2, not open, CFDS	0001	==	0001			Bool
	PASS						
01490	SYS3 Valve 2, short, A/S L	0.00	<	0.127	<	0.20	VDC
	PASS						
01495	SYS3 Valve 2, short, CFDS	0001	==	0001			Bool
	PASS						
01500	SYS3 Valve 2, not short, A/S L	13.50	<	13.770	<	16.00	VDC
	PASS						
01505	SYS3 Valve 2, not short, CFDS	0001	==	0001			Bool
	PASS						
01510	SYS3 Valve 3, Open, A/S R	0.00	<	0.127	<	0.20	VDC
	PASS						
01515	SYS3 Valve 3, Open, CFDS	0001	==	0001			Bool
	PASS						
01520	SYS3 Valve 3, not open, A/S R	13.50	<	13.760	<	16.00	VDC
	PASS						
01525	SYS3 Valve 3, not open, CFDS	0001	==	0001			Bool
	PASS						
01530	SYS3 Valve 3, short, A/S R	0.00	<	0.137	<	0.20	VDC
	PASS						
01535	SYS3 Valve 3, short, CFDS	0001	==	0001			Bool
	PASS						
01540	SYS3 Valve 3, not short, A/S R	13.50	<	13.779	<	16.00	VDC
	PASS						
01545	SYS3 Valve 3, not short, CFDS	0001	==	0001			Bool
	PASS						
01550	SYS3 Valve 4, Open, A/S R	0.00	<	0.127	<	0.20	VDC
	PASS						
01555	SYS3 Valve 4, Open, CFDS	0001	==	0001			Bool
	PASS						
01560	SYS3 Valve 4, not open, A/S R	13.50	<	13.770	<	16.00	VDC
	PASS						
01565	SYS3 Valve 4, not open, CFDS	0001	==	0001			Bool
	PASS						
01570	SYS3 Valve 4, short, A/S R	0.00	<	0.127	<	0.20	VDC
	PASS						
01575	SYS3 Valve 4, short, CFDS	0001	==	0001			Bool
	PASS						

01580	SYS3 Valve 4, not short, A/S R	13.50	<	13.779	<	16.00	VDC	
	PASS							
01585	SYS3 Valve 4, not short, CFDS	0001	==	0001				Bool
	PASS							
01590	SYS3 Valve 5, Open, A/S L	0.00	<	0.127	<	0.20	VDC	
	PASS							
01595	SYS3 Valve 5, Open, CFDS	0001	==	0001				Bool
	PASS							
01600	SYS3 Valve 5, not open, A/S L	13.50	<	13.770	<	16.00	VDC	
	PASS							
01605	SYS3 Valve 5, not open, CFDS	0001	==	0001				Bool
	PASS							
01610	SYS3 Valve 5, short, A/S L	0.00	<	0.137	<	0.20	VDC	
	PASS							
01615	SYS3 Valve 5, short, CFDS	0001	==	0001				Bool
	PASS							
01620	SYS3 Valve 5, not short, A/S L	13.50	<	13.789	<	16.00	VDC	
	PASS							
01625	SYS3 Valve 5, not short, CFDS	0001	==	0001				Bool
	PASS							
01630	SYS3 Valve 6, Open, A/S L	0.00	<	0.127	<	0.20	VDC	
	PASS							
01635	SYS3 Valve 6, Open, CFDS	0001	==	0001				Bool
	PASS							
01640	SYS3 Valve 6, not open, A/S L	13.50	<	13.770	<	16.00	VDC	
	PASS							
01645	SYS3 Valve 6, not open, CFDS	0001	==	0001				Bool
	PASS							
01650	SYS3 Valve 6, short, A/S L	0.00	<	0.137	<	0.20	VDC	
	PASS							
01655	SYS3 Valve 6, short, CFDS	0001	==	0001				Bool
	PASS							
01660	SYS3 Valve 6, not short, A/S L	13.50	<	13.779	<	16.00	VDC	
	PASS							
01665	SYS3 Valve 6, not short, CFDS	0001	==	0001				Bool
	PASS							
01670	SYS3 Valve 7, Open, A/S R	0.00	<	0.137	<	0.20	VDC	
	PASS							
01675	SYS3 Valve 7, Open, CFDS	0001	==	0001				Bool
	PASS							
01680	SYS3 Valve 7, not open, A/S R	13.50	<	13.770	<	16.00	VDC	
	PASS							
01685	SYS3 Valve 7, not open, CFDS	0001	==	0001				Bool
	PASS							
01690	SYS3 Valve 7, short, A/S R	0.00	<	0.137	<	0.20	VDC	
	PASS							
01695	SYS3 Valve 7, short, CFDS	0001	==	0001				Bool
	PASS							
01700	SYS3 Valve 7, not short, A/S R	13.50	<	13.779	<	16.00	VDC	
	PASS							
01705	SYS3 Valve 7, not short, CFDS	0001	==	0001				Bool
	PASS							
01710	SYS3 Valve 8, Open, A/S R	0.00	<	0.127	<	0.20	VDC	
	PASS							
01715	SYS3 Valve 8, Open, CFDS	0001	==	0001				Bool
	PASS							

01720	SYS3 Valve 8, not open, A/S R	13.50	<	13.770	<	16.00	VDC	
	PASS							
01725	SYS3 Valve 8, not open, CFDS	0001	==	0001				Bool
	PASS							
01730	SYS3 Valve 8, short, A/S R	0.00	<	0.137	<	0.20	VDC	
	PASS							
01735	SYS3 Valve 8, short, CFDS	0001	==	0001				Bool
	PASS							
01740	SYS3 Valve 8, not short, A/S R	13.50	<	13.779	<	16.00	VDC	
	PASS							
01745	SYS3 Valve 8, not short, CFDS	0001	==	0001				Bool
	PASS							
01750	SYS3 Valve 9, Open, A/S C	0.00	<	0.127	<	0.20	VDC	
	PASS							
01755	SYS3 Valve 9, Open, CFDS	0001	==	0001				Bool
	PASS							
01760	SYS3 Valve 9, not open, A/S C	13.50	<	13.779	<	16.00	VDC	
	PASS							
01765	SYS3 Valve 9, not open, CFDS	0001	==	0001				Bool
	PASS							
01770	SYS3 Valve 9, short, A/S C	0.00	<	0.127	<	0.20	VDC	
	PASS							
01775	SYS3 Valve 9, short, CFDS	0001	==	0001				Bool
	PASS							
01780	SYS3 Valve 9, not short, A/S C	13.50	<	13.789	<	16.00	VDC	
	PASS							
01785	SYS3 Valve 9, not short, CFDS	0001	==	0001				Bool
	PASS							
01790	SYS3 Valve 10, Open, A/S C	0.00	<	0.127	<	0.20	VDC	
	PASS							
01795	SYS3 Valve 10, Open, CFDS	0001	==	0001				Bool
	PASS							
01800	SYS3 Valve 10, not open, A/S C	13.50	<	13.779	<	16.00	VDC	
	PASS							
01805	SYS3 Valve 10, not open, CFDS	0001	==	0001				Bool
	PASS							
01810	SYS3 Valve 10, short, A/S C	0.00	<	0.127	<	0.20	VDC	
	PASS							
01815	SYS3 Valve 10, short, CFDS	0001	==	0001				Bool
	PASS							
01820	SYS3 Valve 10, not short, A/S C	13.50	<	13.789	<	16.00	VDC	
	PASS							
01825	SYS3 Valve 10, not short, CFDS	0001	==	0001				Bool
	PASS							
01830	SYS1 Antiskid Ramp, Vlv 1	-1.00	<	0.648	<	1.00	mA	
	PASS							
01835	SYS3 Antiskid Ramp, Vlv 1	-1.00	<	0.581	<	1.00	mA	
	PASS							
01840	SYS1 Antiskid Ramp, Vlv 2	-1.00	<	0.565	<	1.00	mA	
	PASS							
01845	SYS3 Antiskid Ramp, Vlv 2	-1.00	<	0.626	<	1.00	mA	
	PASS							
01850	SYS1 Antiskid Ramp, Vlv 3	-1.00	<	0.634	<	1.00	mA	
	PASS							
01855	SYS3 Antiskid Ramp, Vlv 3	-1.00	<	0.641	<	1.00	mA	
	PASS							

01860	SYS1 Antiskid Ramp, Vlv 4	-1.00	<	0.683	<	1.00	mA
	PASS						
01865	SYS3 Antiskid Ramp, Vlv 4	-1.00	<	0.574	<	1.00	mA
	PASS						
01870	SYS1 Antiskid Ramp, Vlv 5	-1.00	<	0.574	<	1.00	mA
	PASS						
01875	SYS3 Antiskid Ramp, Vlv 5	-1.00	<	0.726	<	1.00	mA
	PASS						
01880	SYS1 Antiskid Ramp, Vlv 6	-1.00	<	0.614	<	1.00	mA
	PASS						
01885	SYS3 Antiskid Ramp, Vlv 6	1.00	<	0.514	<	1.00	mA
	PASS						
01890	SYS1 Antiskid Ramp, Vlv 7	-1.00	<	0.643	<	1.00	mA
	PASS						
01895	SYS3 Antiskid Ramp, Vlv 7	-1.00	<	0.581	<	1.00	mA
	PASS						
01900	SYS1 Antiskid Ramp, Vlv 8	-1.00	<	0.506	<	1.00	mA
	PASS						
01905	SYS3 Antiskid Ramp, Vlv 8	-1.00	<	0.571	<	1.00	mA
	PASS						
01910	SYS1 Antiskid Ramp, Vlv 9	-1.00	<	-0.091	<	1.00	mA
	PASS						
01915	SYS3 Antiskid Ramp, Vlv 9	-1.00	<	0.065	<	1.00	mA
	PASS						
01920	SYS1 Antiskid Ramp, Vlv 10	-1.00	<	0.052	<	1.00	mA
	PASS						
01925	SYS3 Antiskid Ramp, Vlv 10	-1.00	<	0.065	<	1.00	mA
	PASS						
01930	Automatic Test, CFDS	0001	==	0001			Bool
	PASS						
01935	SYS1 Hyd Brake Release, Vlv 1	55.00	<	58.709	<	61.00	mA
	PASS						
01940	SYS1 Hyd Brake Release, Vlv 2	55.00	<	57.798	<	61.00	mA
	PASS						
01945	SYS1 Hyd Brake Release, Vlv 3	55.00	<	58.058	<	61.00	mA
	PASS						
01950	SYS1 Hyd Brake Release, Vlv 4	55.00	<	58.058	<	61.00	mA
	PASS						
01955	SYS1 Hyd Brake Release, Vlv 5	55.00	<	58.384	<	61.00	mA
	PASS						
01960	SYS1 Hyd Brake Release, Vlv 6	55.00	<	57.993	<	61.00	mA
	PASS						
01965	SYS1 Hyd Brake Release, Vlv 7	55.00	<	58.384	<	61.00	mA
	PASS						
01970	SYS1 Hyd Brake Release, Vlv 8	55.00	<	58.123	<	61.00	mA
	PASS						
01975	SYS1 Hyd Brake Release, Vlv 9	55.00	<	58.123	<	61.00	mA
	PASS						
01980	SYS1 Hyd Brake Release, Vlv 10	55.00	<	58.579	<	61.00	mA
	PASS						
01985	SYS3 Hyd Brake Release, Vlv 1	55.00	<	58.709	<	61.00	mA
	PASS						
01990	SYS3 Hyd Brake Release, Vlv 2	55.00	<	57.733	<	61.00	mA
	PASS						
01995	SYS3 Hyd Brake Release, Vlv 3	55.00	<	58.514	<	61.00	mA
	PASS						

02000	SYS3 Hyd Brake Release, Vlv 4	55.00	<	58.319	<	61.00	mA
	PASS						
02005	SYS3 Hyd Brake Release, Vlv 5	55.00	<	58.123	<	61.00	mA
	PASS						
02010	SYS3 Hyd Brake Release, Vlv 6	55.00	<	58.449	<	61.00	mA
	PASS						
02015	SYS3 Hyd Brake Release, Vlv 7	55.00	<	58.709	<	61.00	mA
	PASS						
02020	SYS3 Hyd Brake Release, Vlv 8	55.00	<	58.319	<	61.00	mA
	PASS						
02025	SYS3 Hyd Brake Release, Vlv 9	55.00	<	58.384	<	61.00	mA
	PASS						
02030	SYS3 Hyd Brake Release, Vlv 10	55.00	<	58.254	<	61.00	mA
	PASS						
02035	Automatic Test, CFDS	0001	==	0001			Bool
	PASS						
02040	Wheelspeed Spin Xdcr1, CFDS	0001	==	0001			Bool
	PASS						
02045	Wheelspeed Spin Xdcrs All Other	0001	==	0001			Bool
	PASS						
02050	Wheelspeed Spin Xdcr2, CFDS	0001	==	0001			Bool
	PASS						
02055	Wheelspeed Spin Xdcrs All Other	0001	==	0001			Bool
	PASS						
02060	Wheelspeed Spin Xdcr3, CFDS	0001	==	0001			Bool
	PASS						
02065	Wheelspeed Spin Xdcrs All Other	0001	==	0001			Bool
	PASS						
02070	Wheelspeed Spin Xdcr4, CFDS	0001	==	0001			Bool
	PASS						
02075	Wheelspeed Spin Xdcrs All Other	0001	==	0001			Bool
	PASS						
02080	Wheelspeed Spin Xdcr5, CFDS	0001	==	0001			Bool
	PASS						
02085	Wheelspeed Spin Xdcrs All Other	0001	==	0001			Bool
	PASS						
02090	Wheelspeed Spin Xdcr6, CFDS	0001	==	0001			Bool
	PASS						
02095	Wheelspeed Spin Xdcrs All Other	0001	==	0001			Bool
	PASS						
02100	Wheelspeed Spin Xdcr7, CFDS	0001	==	0001			Bool
	PASS						
02105	Wheelspeed Spin Xdcrs All Other	0001	==	0001			Bool
	PASS						
02110	Wheelspeed Spin Xdcr8, CFDS	0001	==	0001			Bool
	PASS						
02115	Wheelspeed Spin Xdcrs All Other	0001	==	0001			Bool
	PASS						
02120	Wheelspeed Spin Xdcr9, CFDS	0001	==	0001			Bool
	PASS						
02125	Wheelspeed Spin Xdcrs All Other	0001	==	0001			Bool
	PASS						
02130	Wheelspeed Spin Xdcr10, CFDS	0001	==	0001			Bool
	PASS						
02135	Wheelspeed Spin Xdcrs All Other	0001	==	0001			Bool
	PASS						

02140	Wheelspeed Spin Xdcr1thru 10, CFDS	0001	==	0001			Bool
	PASS						
02145	Touchdown Prot Test1, SYS1 Vlv 1	4.00	<	5.142	<	6.00	mA
	PASS						
02150	Touchdown Prot Test1, SYS1 Vlv 2	4.00	<	5.077	<	6.00	mA
	PASS						
02155	Touchdown Prot Test1, SYS1 Vlv 3	4.00	<	5.142	<	6.00	mA
	PASS						
02160	Touchdown Prot Test1, SYS1 Vlv 4	4.00	<	5.077	<	6.00	mA
	PASS						
02165	Touchdown Prot Test1, SYS1 Vlv 5	4.00	<	5.207	<	6.00	mA
	PASS						
02170	Touchdown Prot Test1, SYS1 Vlv 6	4.00	<	5.077	<	6.00	mA
	PASS						
02175	Touchdown Prot Test1, SYS1 Vlv 7	4.00	<	5.142	<	6.00	mA
	PASS						
02180	Touchdown Prot Test1, SYS1 Vlv 8	4.00	<	4.882	<	6.00	mA
	PASS						
02185	Touchdown Prot Test1, SYS1 Vlv 9	4.00	<	5.077	<	6.00	mA
	PASS						
02190	Touchdown Prot Test1, SYS1 Vlv 10	4.00	<	5.207	<	6.00	mA
	PASS						
02195	Touchdown Prot Test1, SYS3 Vlv 1	4.00	<	5.142	<	6.00	mA
	PASS						
02200	Touchdown Prot Test1, SYS3 Vlv 2	4.00	<	5.077	<	6.00	mA
	PASS						
02205	Touchdown Prot Test1, SYS3 Vlv 3	4.00	<	5.142	<	6.00	mA
	PASS						
02210	Touchdown Prot Test1, SYS3 Vlv 4	4.00	<	5.142	<	6.00	mA
	PASS						
02215	Touchdown Prot Test1, SYS3 Vlv 5	4.00	<	5.142	<	6.00	mA
	PASS						
02220	Touchdown Prot Test1, SYS3 Vlv 6	4.00	<	5.077	<	6.00	mA
	PASS						
02225	Touchdown Prot Test1, SYS3 Vlv 7	4.00	<	5.142	<	6.00	mA
	PASS						
02230	Touchdown Prot Test1, SYS3 Vlv 8	4.00	<	5.142	<	6.00	mA
	PASS						
02235	Touchdown Prot Test1, SYS3 Vlv 9	4.00	<	5.077	<	6.00	mA
	PASS						
02240	Touchdown Prot Test1, SYS3 Vlv 10	4.00	<	5.077	<	6.00	mA
	PASS						
02245	Touchdown Prot Test2, SYS1 Vlv 1	55.00	<	58.644	<	61.00	mA
	PASS						
02250	Touchdown Prot Test2, SYS1 Vlv 2	55.00	<	57.733	<	61.00	mA
	PASS						
02255	Touchdown Prot Test2, SYS1 Vlv 3	55.00	<	58.058	<	61.00	mA
	PASS						
02260	Touchdown Prot Test2, SYS1 Vlv 4	55.00	<	58.058	<	61.00	mA
	PASS						
02265	Touchdown Prot Test2, SYS3 Vlv 1	55.00	<	58.644	<	61.00	mA
	PASS						
02270	Touchdown Prot Test2, SYS3 Vlv 2	55.00	<	57.733	<	61.00	mA
	PASS						
02275	Touchdown Prot Test2, SYS3 Vlv 3	55.00	<	58.514	<	61.00	mA
	PASS						

02280	Touchdown Prot Test2, SYS3 Vlv 4	55.00	<	58.319	<	61.00	mA	
	PASS							
02285	Touchdown Prot Test3, SYS1 Vlv 5	55.00	<	58.319	<	61.00	mA	
	PASS							
02290	Touchdown Prot Test3, SYS1 Vlv 6	55.00	<	57.928	<	61.00	mA	
	PASS							
02295	Touchdown Prot Test3, SYS1 Vlv 7	55.00	<	58.319	<	61.00	mA	
	PASS							
02300	Touchdown Prot Test3, SYS1 Vlv 8	55.00	<	58.058	<	61.00	mA	
	PASS							
02305	Touchdown Prot Test3, SYS1 Vlv 9	55.00	<	58.123	<	61.00	mA	
	PASS							
02310	Touchdown Prot Test3, SYS1 Vlv 10	55.00	<	58.514	<	61.00	mA	
	PASS							
02315	Touchdown Prot Test3, SYS3 Vlv 5	55.00	<	58.058	<	61.00	mA	
	PASS							
02320	Touchdown Prot Test3, SYS3 Vlv 6	55.00	<	58.384	<	61.00	mA	
	PASS							
02325	Touchdown Prot Test3, SYS3 Vlv 7	55.00	<	58.644	<	61.00	mA	
	PASS							
02330	Touchdown Prot Test3, SYS3 Vlv 8	55.00	<	58.189	<	61.00	mA	
	PASS							
02335	Touchdown Prot Test3, SYS3 Vlv 9	55.00	<	58.384	<	61.00	mA	
	PASS							
02340	Touchdown Prot Test3, SYS3 Vlv 10	55.00	<	58.189	<	61.00	mA	
	PASS							
02345	Touchdown Prot Test4, SYS1 Vlv 1	4.00	<	5.142	<	6.00	mA	
	PASS							
02350	Touchdown Prot Test4, SYS1 Vlv 2	4.00	<	5.077	<	6.00	mA	
	PASS							
02355	Touchdown Prot Test4, SYS1 Vlv 3	4.00	<	5.142	<	6.00	mA	
	PASS							
02360	Touchdown Prot Test4, SYS1 Vlv 4	4.00	<	5.142	<	6.00	mA	
	PASS							
02365	Touchdown Prot Test4, SYS3 Vlv 1	4.00	<	5.142	<	6.00	mA	
	PASS							
02370	Touchdown Prot Test4, SYS3 Vlv 2	4.00	<	5.077	<	6.00	mA	
	PASS							
02375	Touchdown Prot Test4, SYS3 Vlv 3	4.00	<	5.142	<	6.00	mA	
	PASS							
02380	Touchdown Prot Test4, SYS3 Vlv 4	4.00	<	5.142	<	6.00	mA	
	PASS							
02385	Touchdown Prot Test5, SYS1 Vlv 5	4.00	<	5.142	<	6.00	mA	
	PASS							
02390	Touchdown Prot Test5, SYS1 Vlv 6	4.00	<	5.077	<	6.00	mA	
	PASS							
02395	Touchdown Prot Test5, SYS1 Vlv 7	4.00	<	5.142	<	6.00	mA	
	PASS							
02400	Touchdown Prot Test5, SYS1 Vlv 8	4.00	<	5.142	<	6.00	mA	
	PASS							
02405	Touchdown Prot Test5, SYS1 Vlv 9	4.00	<	5.207	<	6.00	mA	
	PASS							
02410	Touchdown Prot Test5, SYS1 Vlv 10	4.00	<	5.207	<	6.00	mA	
	PASS							
02415	Touchdown Prot Test5, SYS3 Vlv 5	4.00	<	5.142	<	6.00	mA	
	PASS							

02420	Touchdown Prot Test5, SYS3 Vlv 6	4.00	<	5.142	<	6.00	mA
	PASS						
02425	Touchdown Prot Test5, SYS3 Vlv 7	4.00	<	5.142	<	6.00	mA
	PASS						
02430	Touchdown Prot Test5, SYS3 Vlv 8	4.00	<	5.142	<	6.00	mA
	PASS						
02435	Touchdown Prot Test5, SYS3 Vlv 9	4.00	<	5.142	<	6.00	mA
	PASS						
02440	Touchdown Prot Test5, SYS3 Vlv 10	4.00	<	5.142	<	6.00	mA
	PASS						
02445	LW Prot Test1, SYS1 Vlv 1	4.00	<	5.142	<	6.00	mA
	PASS						
02450	LW Prot Test1, SYS1 Vlv 2	4.00	<	5.077	<	6.00	mA
	PASS						
02455	LW Prot Test1, SYS1 Vlv 3	4.00	<	5.142	<	6.00	mA
	PASS						
02460	LW Prot Test1, SYS1 Vlv 4	4.00	<	5.077	<	6.00	mA
	PASS						
02465	LW Prot Test1, SYS1 Vlv 5	4.00	<	5.142	<	6.00	mA
	PASS						
02470	LW Prot Test1, SYS1 Vlv 6	4.00	<	5.077	<	6.00	mA
	PASS						
02475	LW Prot Test1, SYS1 Vlv 7	4.00	<	5.142	<	6.00	mA
	PASS						
02480	LW Prot Test1, SYS1 Vlv 8	4.00	<	5.142	<	6.00	mA
	PASS						
02485	LW Prot Test1, SYS1 Vlv 9	4.00	<	5.207	<	6.00	mA
	PASS						
02490	LW Prot Test1, SYS1 Vlv 10	4.00	<	5.207	<	6.00	mA
	PASS						
02495	LW Prot Test1, SYS3 Vlv 1	4.00	<	5.207	<	6.00	mA
	PASS						
02500	LW Prot Test1, SYS3 Vlv 2	4.00	<	5.142	<	6.00	mA
	PASS						
02505	LW Prot Test1, SYS3 Vlv 3	4.00	<	5.142	<	6.00	mA
	PASS						
02510	LW Prot Test1, SYS3 Vlv 4	4.00	<	5.142	<	6.00	mA
	PASS						
02515	LW Prot Test1, SYS3 Vlv 5	4.00	<	5.207	<	6.00	mA
	PASS						
02520	LW Prot Test1, SYS3 Vlv 6	4.00	<	5.077	<	6.00	mA
	PASS						
02525	LW Prot Test1, SYS3 Vlv 7	4.00	<	5.142	<	6.00	mA
	PASS						
02530	LW Prot Test1, SYS3 Vlv 8	4.00	<	5.142	<	6.00	mA
	PASS						
02535	LW Prot Test1, SYS3 Vlv 9	4.00	<	5.142	<	6.00	mA
	PASS						
02540	LW Prot Test1, SYS3 Vlv 10	4.00	<	5.142	<	6.00	mA
	PASS						
02545	LW Prot Test2, SYS1 Whl1&4, Vlv 1	55.00	<	58.709	<	61.00	mA
	PASS						
02550	LW Prot Test2, SYS1 Whl1&4, Vlv 4	4.00	<	5.142	<	6.00	mA
	PASS						
02555	LW Prot Test2, SYS3 Whl1&4, Vlv 1	55.00	<	58.709	<	61.00	mA
	PASS						

02560 LW Prot Test2, SYS3 Whl1&4, Vlv 4 4.00 < 5.207 < 6.00 mA
PASS
02565 LW Prot Test2, SYS1 Whl1&4, Vlv 1 4.00 < 5.207 < 6.00 mA
PASS
02570 LW Prot Test2, SYS1 Whl1&4, Vlv 4 55.00 < 58.123 < 61.00 mA
PASS
02575 LW Prot Test2, SYS3 Whl1&4, Vlv 1 4.00 < 5.207 < 6.00 mA
PASS
02580 LW Prot Test2, SYS3 Whl1&4, Vlv 4 55.00 < 58.384 < 61.00 mA
PASS
02585 LW Prot Test2, SYS1 Whl2&3, Vlv 2 55.00 < 57.798 < 61.00 mA
PASS
02590 LW Prot Test2, SYS1 Whl2&3, Vlv 3 4.00 < 5.142 < 6.00 mA
PASS
02595 LW Prot Test2, SYS3 Whl2&3, Vlv 2 55.00 < 57.798 < 61.00 mA
PASS
02600 LW Prot Test2, SYS3 Whl2&3, Vlv 3 4.00 < 5.142 < 6.00 mA
PASS
02605 LW Prot Test2, SYS1 Whl2&3, Vlv 2 4.00 < 5.077 < 6.00 mA
PASS
02610 LW Prot Test2, SYS1 Whl2&3, Vlv 3 55.00 < 58.189 < 61.00 mA
PASS
02615 LW Prot Test2, SYS3 Whl2&3, Vlv 2 4.00 < 5.077 < 6.00 mA
PASS
02620 LW Prot Test2, SYS3 Whl2&3, Vlv 3 55.00 < 58.514 < 61.00 mA
PASS
02625 LW Prot Test2, SYS1 Whl5&8, Vlv 5 55.00 < 58.384 < 61.00 mA
PASS
02630 LW Prot Test2, SYS1 Whl5&8, Vlv 8 4.00 < 5.077 < 6.00 mA
PASS
02635 LW Prot Test2, SYS3 Whl5&8, Vlv 5 55.00 < 58.189 < 61.00 mA
PASS
02640 LW Prot Test2, SYS3 Whl5&8, Vlv 8 4.00 < 5.142 < 6.00 mA
PASS
02645 LW Prot Test2, SYS1 Whl5&8, Vlv 5 4.00 < 5.077 < 6.00 mA
PASS
02650 LW Prot Test2, SYS1 Whl5&8, Vlv 8 55.00 < 58.189 < 61.00 mA
PASS
02655 LW Prot Test2, SYS3 Whl5&8, Vlv 5 4.00 < 5.207 < 6.00 mA
PASS
02660 LW Prot Test2, SYS3 Whl5&8, Vlv 8 55.00 < 58.254 < 61.00 mA
PASS
02665 LW Prot Test2, SYS1 Whl6&7, Vlv 6 55.00 < 57.993 < 61.00 mA
PASS
02670 LW Prot Test2, SYS1 Whl6&7, Vlv 7 4.00 < 5.142 < 6.00 mA
PASS
02675 LW Prot Test2, SYS3 Whl6&7, Vlv 6 55.00 < 58.514 < 61.00 mA
PASS
02680 LW Prot Test2, SYS3 Whl6&7, Vlv 7 4.00 < 5.142 < 6.00 mA
PASS
02685 LW Prot Test2, SYS1 Whl6&7, Vlv 6 4.00 < 5.077 < 6.00 mA
PASS
02690 LW Prot Test2, SYS1 Whl6&7, Vlv 7 55.00 < 58.384 < 61.00 mA
PASS
02695 LW Prot Test2, SYS3 Whl6&7, Vlv 6 4.00 < 5.142 < 6.00 mA
PASS

02700	LW Prot Test2, SYS3 Whl6&7, Vlv 7	55.00	<	58.709	<	61.00	mA
	PASS						
02705	LW Prot Test2, SYS1 Whl9&10 Vlv 9	55.00	<	58.189	<	61.00	mA
	PASS						
02710	LW Prot Test2, SYS1 Whl9&10 Vlv 10	4.00	<	5.207	<	6.00	mA
	PASS						
02715	LW Prot Test2, SYS3 Whl9&10 Vlv 9	55.00	<	58.449	<	61.00	mA
	PASS						
02720	LW Prot Test2, SYS3 Whl9&10 Vlv 10	4.00	<	5.077	<	6.00	mA
	PASS						
02725	LW Prot Test2, SYS1 Whl9&10 Vlv 9	4.00	<	5.207	<	6.00	mA
	PASS						
02730	LW Prot Test2, SYS1 Whl9&10 Vlv 10	55.00	<	58.644	<	61.00	mA
	PASS						
02735	LW Prot Test2, SYS3 Whl9&10 Vlv 9	4.00	<	5.142	<	6.00	mA
	PASS						
02740	LW Prot Test2, SYS3 Whl9&10 Vlv 10	55.00	<	58.254	<	61.00	mA
	PASS						
03000	Bite, No Faults, CFDS	0001	==	0001			Bool
	PASS						
03005	Bite, Nose Gear L Disagree, CFDS	0001	==	0001			Bool
	PASS						
03010	Bite, Nose Gear L Disagree, A/S	0.00	<	0.127	<	0.20	VDC
	PASS						
03015	Bite, Nose Gear L Agree, A/S	13.50	<	13.789	<	16.00	VDC
	PASS						
03020	Bite, No Faults, CFDS	0001	==	0001			Bool
	PASS						
03025	Bite, Nose Gear R Disagree, CFDS	0001	==	0001			Bool
	PASS						
03030	Bite, Nose Gear R Disagree, A/S	0.00	<	0.127	<	0.20	VDC
	PASS						
03035	Bite, Nose Gear R Agree, A/S	13.50	<	13.779	<	16.00	VDC
	PASS						
03040	Bite, No Faults, CFDS	0001	==	0001			Bool
	PASS						
03045	Bite, Parking Brake Set	12.00	<	12.197	<	13.50	VDC
	PASS						
03050	Bite, No Faults, CFDS, (PB = Set)	0001	==	0001			Bool
	PASS						
03055	Bite, Intlk Rly Energized, CFDS	0001	==	0001			Bool
	PASS						
03060	Bite, No Faults, CFDS (Rly DeEnr)	0001	==	0001			Bool
	PASS						
03065	Bite, Int lock Rel (PB = Not Set)	0.00	<	0.127	<	1.00	VDC
	PASS						
03070	Bite, No Faults, CFDS (PB = Set)	0001	==	0001			Bool
	PASS						
03075	Bite, SYS1 A/S S/O Vlv Close, CFDS	0001	==	0001			Bool
	PASS						
03080	Bite, SYS3 A/S S/O Vlv Close, CFDS	0001	==	0001			Bool
	PASS						
03085	Bite, No Faults, CFDS (Vlv Open)	0001	==	0001			Bool
	PASS						
03090	Bite, Adiru 1 Data Fault, CFDS	0001	==	0001			Bool
	PASS						

03095	Bite, Adiru 1 Data Fault, A/S	0.00	<	0.137	<	0.20	VDC
	PASS						
03100	Bite, No Faults, CFDS (Adiru 1)	0001	==	0001			Bool
	PASS						
03105	Bite, Adiru 1 Data Fault, A/S	0.00	<	0.127	<	0.20	VDC
	PASS						
03110	Bite, Adiru 2 Data Fault, CFDS	0001	==	0001			Bool
	PASS						
03115	Bite, Adiru 2 Data Fault, A/S	0.00	<	0.127	<	0.20	VDC
	PASS						
03120	Bite, No Faults, CFDS (Adiru 2)	0001	==	0001			Bool
	PASS						
03123	Bite, Adiru 2 Data Fault, A/S	0.00	<	0.127	<	0.20	VDC
	PASS						
03125	Bite, Antiskid Test Switch (ON)	0.00	<	0.156	<	0.20	VDC
	PASS						
03130	Bite, Antiskid Test Switch (OFF)	17.50	<	19.141	<	19.50	VDC
	PASS						
03135	Bite, Config Codes 10-10, CFDS	0001	==	0001			Bool
	PASS						
03140	Bite, Config Codes 30-30, CFDS	0001	==	0001			Bool
	PASS						
03145	Bite, Erase Maintenance Memory	0000	!=	0001			Bool
	FAIL						

```
*******************************************************
*                      TEST SUMMARY                   *
*******************************************************
Filename: C:\ATE\MD10\FUNC\FUNC_ 108-08151232.DAT
Test Completed: Tuesday, August 15 2006 12:34:03 PM
MD10 Automatic Test Program
software p/n: -
*******************************************************


   UUT P/N:
   UUT S/N: 108
Tester P/N: 299-085
Tester S/N: 103

Work Order: S876186

Test Operator: Jay
           ID: 9480

**********************
  0 FAILURES FOUND
**********************

 Total Test Time : 00:00.50

**********
* PASSED *
**********


******
* QA *
******
*    *
*    *
******
```

****
* TEST LOG *
****

03145 Bite, Erase Maintenance Memory 0001 == 0001 Bool
PASS
