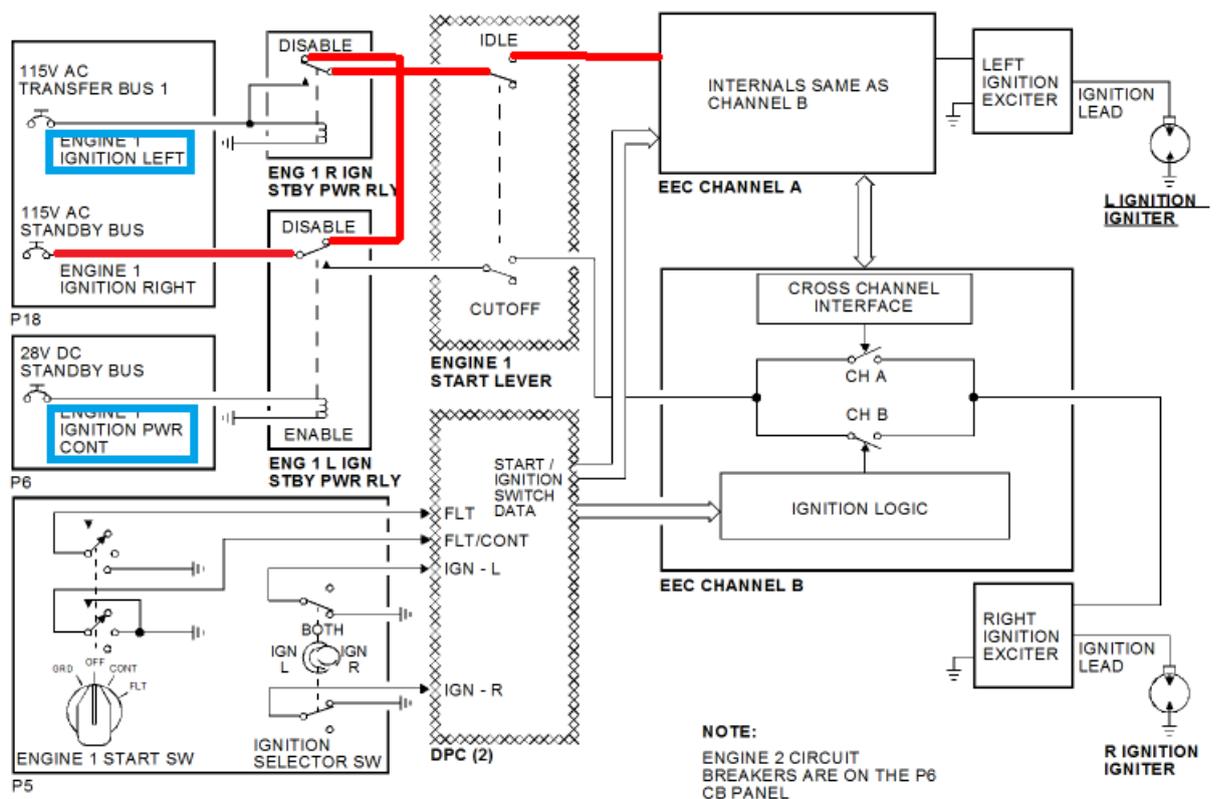


关于737MAX 右点火失效 M 项的提示

注： 本材料仅供学习使用， 具体工作请依 AMM 手册为准。

一、右点火失效后将左点火供电切换为备用电源原理（以左发右点火失效为例）：拔出IGNITION PWR CONT和IGNITION LEFT跳开关后，L IGN STBY PWR继电器和R IGN STBY PWR继电器都转换至“DISABLE”位，左点火供电电源由115V AC转换汇流条供电变为115V AC备用汇流条供电，右点火供电被切断。



二、右点火失效 M 项步骤

1、拔出相应跳开关：

(1) 对于 1 发，拔出以下跳开关，并安装跳开关夹：

- ENGINE 1 IGNITION LEFT 位于 P18-2 板
- ENGINE 1 IGNITION PWR CONT 位于 P6-5 板

(2) 对于 2 发，拔出以下跳开关，并安装防闭合卡环：

- ENGINE 2 IGNITION LEFT 位于 P6-2 板
- ENGINE 2 IGNITION PWR CONT 位于 P6-5 板

2、视情完成相应发动机左点火系统测试，注意事项：

(1) 执行点火测试前需要干冷转发动机；

(2) MEL和手册对视情条件描述不清，是否执行点火测试需提前通报技术组和管控中心决定；

3. 如果需要，通过执行测试 18-EEC A 通道点火系统测试以及测试 19-EEC B 通道点火系统测试（AMM 71-00-00/501）来验证左点火系统工作正常。

注释：允许右点火系统有故障，只要左点火系统通过测试 18 以及测试 19。

(3) 执行点火系统测试时，闭合IGNITION PWR CONT跳开关的时机为：使用当前通道的EEC完成左点火测试后，在执行当前通道右点火测试前（即MFD上选择CONTINUE前），闭合IGNITION PWR CONT跳开关，使右点火接入供电电源。

G. Test No. 18 - EEC Channel A Ignition System Test
SUBTASK 71-00-00-730-006-G00

WARNING: DO NOT TOUCH THE ENGINE IGNITION SYSTEM WHILE THE SYSTEM OPERATES. IGNITION VOLTAGE IS HIGH WHICH MAKES IT DANGEROUS. ELECTRICAL SHOCK CAN KILL, OR CAUSE INJURIES TO PERSONNEL.

(1) Use the MFD screen to use the OMF Ground Test to do the test of the Channel A ignition system for the applicable engine (TASK 46-13-02-710-801).

NOTE: The EEC Channel A ignition system test takes approximately four (4) minutes to complete.

NOTE: The test operator must have active voice communications with a person stationed near the engine that can listen and alert the test operator of igniter firing.

(a) Make these selections on the MFD main function menu:

- 1) ONBOARD MAINTENANCE
- 2) LINE MAINTENANCE
- 3) GROUND TESTS
- 4) 71 -80 Engine 1 or 71 -80 Engine 2
- 5) SYSTEM TEST
- 6) Ignition Channel A Test
- 7) CONTINUE.

(b) Do the instructions that show on the MFD PRECONDITIONS screen.

- 1) Make sure that you verify and follow the inhibited conditions instructions closely.

NOTE: If one of the inhibited conditions is not met, the test will be failed.

(c) Make these selections on the MFD:

- 1) CONTINUE 截图(Alt + A)
- 2) START TEST.

(d) Follow the instructions on the MFD screen.

(e) If you do the ignition system test on standby power, after you have entered a response for IGNITER 1 (LEFT), remove the safety tags and close the applicable circuit breakers before select CONTINUE:

F/O Electrical System Panel, P6-5

Row	Col	Number	Name
E	1	(C04016)	ENGINE 1 IGNITION PWR CONT
E	2	(C04017)	ENGINE 2 IGNITION PWR CONT

如果左点火测试未完成，而闭合了IGNITION PWR CONT跳开关，会使左点火失去供电电源，导致左点火测试不通过。

(4) 点火测试完成后，注意继续拔出对应发动机的IGNITION PWR CONT和IGNITION LEFT跳开关。

3、如果右点火失效点亮了 MAINT 灯，需参考AMM 31-65-00/201抑制相应激活的状态信息。

