

F-15 PRCA/ARI Test Console – WesTest

F-15 Pitch and Roll Channel Assembly and Aileron Rudder Interconnect Test Console

12 Test Consoles and 18 TPS installed at USAF at Hill AFB

- Designed & integrated a single Test Console that replaces 3 existing Test Consoles used to test the F-15 A/B/C/D/E PRCA Models and the ARI
- PXI Tailored DATS Test Executive System
- Fully compatible with the MOOG Hydraulic Test Stands P/N 007-68297, 007-68297-1 and used with test fixtures

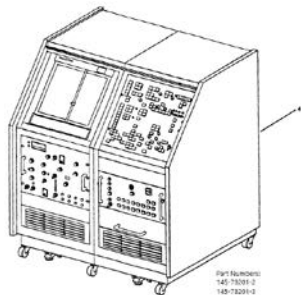
PRCA/Test Console P/N 9000318-1 tests the following

DESCRIPTION	PART NUMBER	T.O.
F-15 A/B/C/D/E Model PRCA	010-63055-24, 010-63055-21	9H27-2-3
F-15 E Model PRCA	A71500-5	9H27-2-3
F-15 ARI	010-63058-19	9H26-2-3

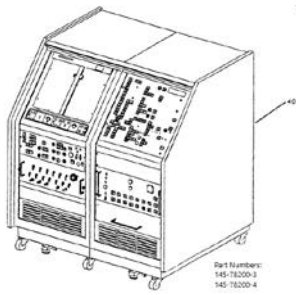


WESTEST PRCA/ARI TEST CONSOLE

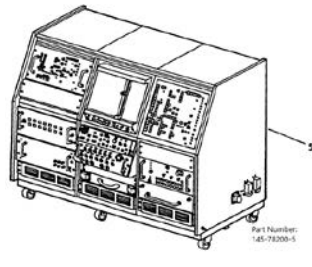
PRCA/ARI Test Console replaces these MOOG Test Consoles



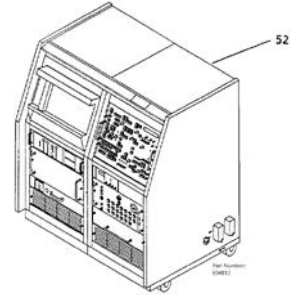
AUXILIARY TEST CONSOLE
P/N 145-78201-2
P/N 145-78201-3



GENERAL PURPOSE TEST CONSOLE 2
P/N 145-78200-3
P/N 145-78200-4



GENERAL PURPOSE TEST CONSOLE 3
P/N 145-78200-5



PITCH TRIM TEST CONSOLE
P/N E04812

CAGE CODE **65239**

Fixtures used by WesTest PRCA/ARI Test Consoles (9000318-1)

FIXTURE NOMENCLATURE	TEST FIXTURE P/N	CAL REQ*
Test Fixture - Pitch Ratio Controller	077-68254	Yes
Test Fixture - Roll Ratio Controller	077-68255	Yes
Test Fixture Pitch Trim Controller	077-68256	Yes
Test Fixture, Pitch Trim Controller	077-68256-1	Yes
Flow Cylinder - Half Area	077-68259	Yes
Flow Cylinder - Equal Area	077-68264	Yes
Test Fixture - Pitch Ratio Controller Interface	077-68277	No
Test Fixture - Roll Ratio Controller Interface	077-68278	No
Test Fixture - Pitch Trim Controller Interface	077-68294	No
Console, Hydraulic CSBPC	077-68297 077-68297-1	Yes
Test Fixture, PRCA	077-78203-1	Yes
Test Fixture, PRCA	077-78203-2	Yes
Test Fixture, Boosters Frequency Response, PRCA	077-78205	Yes
Set, Assembly and Test, Boosters, PRCA	077-78206	No
Set, Assembly and Test - Roll Ratio Controller	077-78207	No
Set, Assembly and Test - Pitch Ratio Controller	077-78208	No
Set, Assembly and Test, Pitch Trim Controller	077-78209	No
Pitch Trim Controller Flow Test Manifold (part of 077-78209)	077-68298	No
Set, Assembly and Test, Pitch Trim Controller	077-78209-1	No
Arm/Disarm Latch Valve Test Fixture	E13556	No
Solenoid Valve Test Manifold	E13554	No
CASI Servo Test Block	E13542	No
Set, Assembly and Test - Boosters, Regulators PRCA	077-78210	No
Set, Assembly and Test, Airspeed Servo Valve	077-78211	Yes
Airspeed Valve Test Fixture	077-68302	No

FIXTURE NOMENCLATURE	TEST FIXTURE P/N	CAL REQ*
Set, Assembly and Test, Mach Servo Valve	077-78212	No
Mach Servo Valve Setup Fixture	077-68266	No
Set, Assembly and Test, CAS and LOFES Servos	077-78213	No
Set, Assembly, Ratio Changers, PRCA	077-78214	No
Set, Universal Nozzle Pushing, CSBPC	077-78215	No
Set, Assembly and Test, Limit Switch	077-78216	No
Set, Assembly and Test, Mode Select Assembly	077-78217	No
Mode Select Assembly Test Fixture	077-68272	No
Set, Assembly and Test, Emergency Pressurization Assembly, EPA	077-78218	No
Manifold Emergency Pressurization Assembly	077-79840	No
Set, Assembly and Test, ARI	077-78220	No
ARI Switch Off Assembly (part of 077-78220)	077-79794	No
Set, Staking and Removal CSBPC	077-78221	No
Set, Assembly and Test, Yaw Ratio Controller	077-78222	No
YRC Setup and Test Fixture	077-68286	No
Set, Torque Wrench Adapter	077-78223	No
Set, Assembly and Test, Solenoid Valve	077-79912	No
Solenoid Valve Test Manifold	077-68260	No
Set, Assembly and Test, Thermal Bypass Valve	077-79955	No
Test Fixture, Breakout Load	077-98649	No
Test Fixture, Yaw Ratio Controller, ARI	077-68261	Yes
Flow Limiter Assembly Hydraulic Test Manifold	077-69325	No
Test Fixture, Frequency Response, ARI Boost Actuator	077-69685	Yes
Test Fixture, ARI	077-78204	Yes

*CAL REQUIRED AND CAN BE CALIBRATED BY WESTEST CALIBRATION P/N 6002334