

# ACC

ADVANCED COMPUTER CONCEPTS, INC.



*The possibilities  
are endless...*

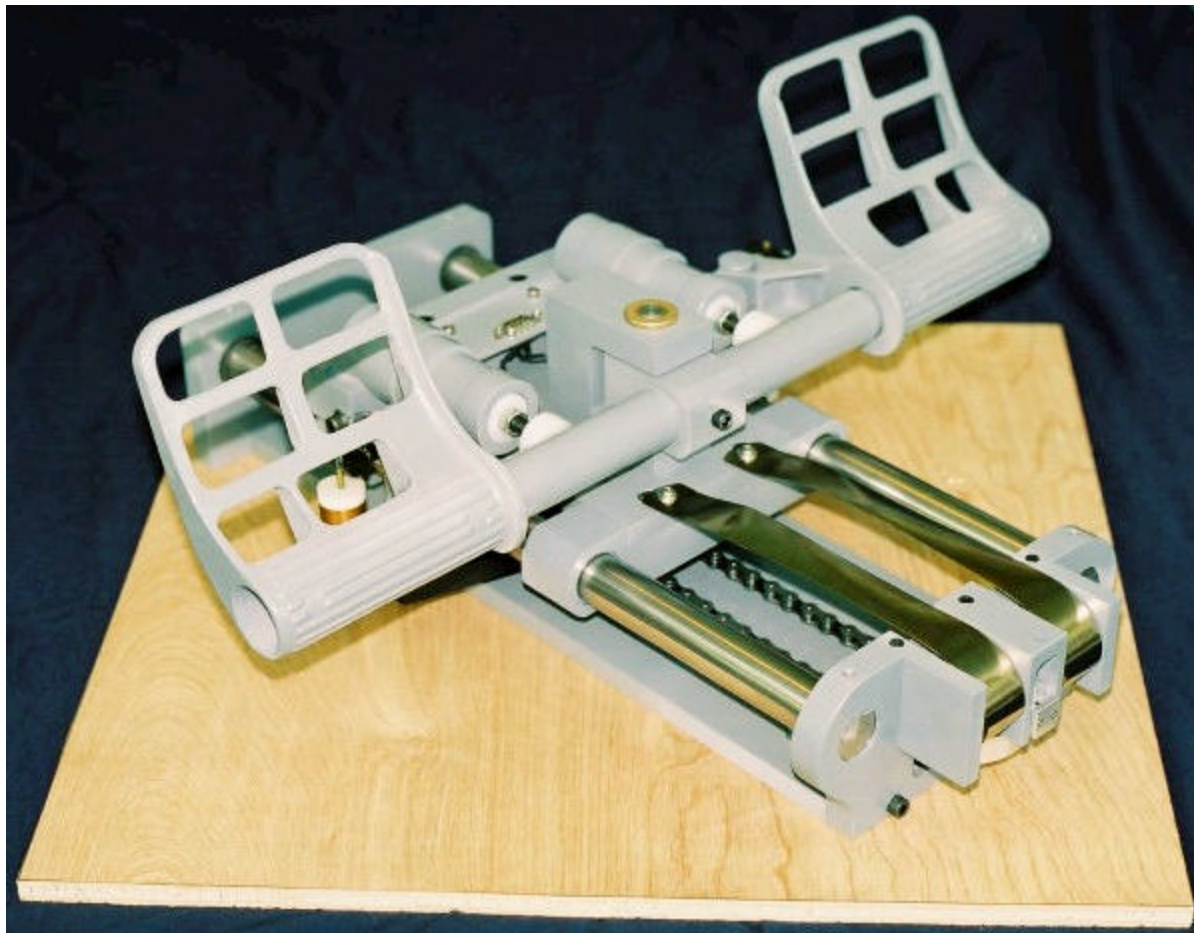
Advanced Computer Concepts, Inc.

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## F-16C Yaw Control System



## YCS Specifications:

- Overall Maximum Width 21.000"
- Overall Maximum Length 19.875"
- Overall Maximum Height 9.125"
- Pedal Center Axis Height from Floor 4.625"
- Pedal linear Front/Rear Adjustment 9.375"
- Pedal Linear Adjustment Interval 0.375"
- Pedal Adjustment Return Spring Force 14 lbs. (via constant force springs)
- Pedal Adjustment Return Spring Life > 4,000 cycles
- Rudder Yaw Maximum Deflection +/- 6°
- Yaw Force for Maximum Deflection 188 lbs. (as measured from center of foot pedal – Custom forces available upon request)
- Toe Brake Maximum Deflection 10° (each pedal operates independently)
- Toe Brake Force for Maximum Deflection 52 lbs. (Custom forces available upon request)
- Approximate Weight 35 lbs.
- Construction – Machined aluminum chassis and trolley assembly
- Hardened Steel Guide Rails with Integral Bronze Bearings in trolley
- Electrical:
  - Sensor Type: Commercial Sealed Precision Rotary Pots
  - Pot Resistance: 10K
  - Pot Rotational Life: > 50,000 operations (Optional 1,000,000 cycle Hall Effect pots available upon request)
  - Connector Type: Male 9-Pin D