



System Provider for the Boeing 787

Leading Edge High Lift Actuation System

- 1 Hydraulic Control Module (x1)
- 2 Leading Edge (LE) Power Drive Unit (PDU) (x1)
- 3 Electric Motor Control Unit (EMCU) (x1)
- 4 Leading Edge Geared Rotary Actuators:
 - a. Inboard and Outboard Sectors (x24) and Pinion Roller Assembly (x24)
 - b. Inboard GRA (x4)
 - c. Seal Krueger GRA (x2)
 - d. Outboard GRA (x20)
- 5 Leading Edge (LE) Resolvers (x2)
- 6 Leading Edge (LE) Outboard Skew Detection Mechanism Assembly (DMA) and Cable (x2)
- 7 Leading Edge (LE) Skew Detection and Skew Rotary Variable Differential Transformers (RVDTs) (x4)

Trailing Edge High Lift Actuation System

- 8 Hydraulic Control Module (x1)
- 9 Trailing Edge (TE) Power Drive Unit (PDU) (x1)
- 10 Electric Motor Control Unit (EMCU) (x1)
- 11 Trailing Edge (TE) Geared Rotary Actuator (GRA) (x8)
- 12 Variable Camber Trim Unit (VCTU) (x2)
- 13 Trailing Edge (TE) Resolvers (x2)
- 14 Trailing Edge (TE) Skew Detection & Skew Rotary Variable Differential Transformers (RVDTs) (x8)

Transmission Equipment: not shown: Angle Gearboxes (x10), Offset Gearboxes (x12), Transmission Shafts (x70), Diaphragm, Couplings (x68), Universal Joints (x72), Steady Bearings (x21), Through Shaft Supports (x14)



System Provider for the Boeing 787

Primary Flight Control Actuation System

- 1 Aileron Power Control Unit (PCU) and Remote Electronic Unit (REU) Assembly (x4)
- 2 Flaperon Actuator (x4)
- 3 Flaperon Control Module and Remote Electronic Unit (REU) Assembly (x4)
- 4 Inboard Spoiler Power Control Unit (PCU) (x4)
- 5 Outboard Spoiler Power Control Unit (PCU) (x6)
- 6 Spoiler Remote Electronic Unit (SREU) Assembly (x10)
- 7 Electromechanical (EM) Spoiler Actuator (x4)
- 8 Electric Motor Control Unit (EMCU) (x6)
- 9 Horizontal Stabilizer Trim Actuator (HSTA) Assembly (x1)
Resolver (HSTA)
Motor Brake (HSTA)
Lower Integrity Sensor (HSTA)
Upper Integrity Sensor (HSTA)
- 10 Elevator Power Control Unit (PCU) and Remote Electronic Unit (REU) Assembly (x4)
- 11 Rudder Power Control Unit (PCU) and Remote Electronic Unit (REU) Assembly (x3)
Spoiler Resolver (x14) *not shown*

www.moog.com