

FLIGHT DECK CONTROLS

You know and respect the AvtechTyee product line. And through its acquisition of West Coast Specialties (WCS), AvtechTyee has added a new dimension of custom electro-mechanical control and lighted display products for the aerospace industry. With its experience and resources, AvtechTyee can provide turnkey solutions – producing the product you need quickly and cost-effectively.



FLIGHT DECK CONTROLS

AvtechTyee has extensive experience in developing precision electro-mechanical controls for the flight deck, with safeguards and redundancies built-in to prevent an accidental command. The controls provide both the tactile and visual feedback required for the pilot to be confident the command given had been properly translated into a control surface or landing gear action.

All engineering, production, and testing are performed in-house to ensure quality.

- Landing gear, spoiler and flap controls available off-the-shelf
- Rated for abuse loads of 100lbs or more
- Optional mounting plates and cable harnesses to simplify the electrical and mechanical interface to the aircraft
- Lighted gear or flap position indicators integrated with other assemblies
- Knob illumination available
- Linked gear options for tandem (front/rear) cockpit integration

Flight Deck Control assemblies are custom designed for specific applications.

Contact AvtechTyee for additional details.



Since 1969 AvtechTyee has been a leader in the design, development, and manufacture of electronic systems for the aerospace industry, with a focus in three product groups: Audio, Avionics and Structures.

AvtechTyee products are flying onboard 42 aircraft types within the air transport, regional commuter, and business jet sectors, serving 450 customers in 49 countries of the world.

Our versatility in supporting aerospace electronics requirements ranges from the custom design and manufacturing of complex power supplies to complete Digital Audio Systems.

AvtechTyee is certified to ISO9001, AS9100 and the FAA's ACSEP. Product Support includes in-house repair services (FAA approved Repair Station #IG6R621N), loaner/exchange programs, and both in-house and offsite airline training.

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PN 90-46701-1

The 467 series landing gear handle assembly was designed for the Bell Augusta BA609 helicopter with retractable gear. The handle is restrained from being pulled by a solenoid locking mechanism. Solenoid activation or sliding the "LOCK OVRD" switch allows the handle to be pulled out. Gear position is displayed on a sunlight readable LED display. The unit also features a guarded "Emergency Extend" switch with LED illumination, and a "Horn Mute" button.



PN 90-50901-1

The 509 series landing gear assemblies were designed for use on the ATG Javelin and Viper Aircraft Viperjet. The 509 features a mechanical link to coordinate the movements between front and rear cockpit assemblies. Gear status is indicated on a sunlight readable LED display.



PN 90-46101

The 461 series spoiler control unit was designed for the Sino Swearingen SJ30-2 aircraft. It provides a single set of normally open contacts in either of two actuation directions. The 90-46101-1 has both momentary and detented actuation in both directions, while the 90-46102-1 is momentary only. A guard is provided on the sides of the switch lever to prevent inadvertent activation of the lever.



PN 90-45901-3

The 459 Series landing gear handle assembly is designed for the Sino Swearingen SJ30-2. The handle is restrained from being pulled (when in the down position) by a solenoid locking mechanism. Solenoid activation or sliding the "DN LK REL" button allows the handle to be pulled out. The handle knob is installed after the assembly and light plate are in position.



PN 90-50201-1

The 502 series landing gear control assembly was designed for the Adam Aircraft A500/A700 aircraft. The unit employs a locking solenoid to allow activation only when the appropriate signal input is present. The solenoid activation allows the handle to be pulled out. Gear position is displayed on a sunlight readable LED display.