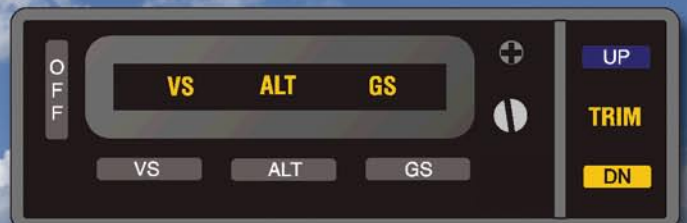


System Thirty ALT & Sixty PSS

Stand-alone pitch axis autopilot systems: altitude hold only (System Thirty ALT) or altitude, vertical speed and GS coupling (System Sixty PSS)

COBHAM

The most important thing we build is trust



System Thirty ALT & Sixty PSS

Stand-alone pitch axis autopilot systems: altitude hold only (System Thirty ALT) or altitude, vertical speed and GS coupling (System Sixty PSS)



System Thirty ALT

- 1 Compact, panel-mounted On/Off switch.** Smoothly holds existing altitude when engaged.
- 2 Pitch Trim Annunciator.** Annunciates out-of-trim condition when altitude hold engaged (as shown, advising pilot to adjust pitch trim up or down).

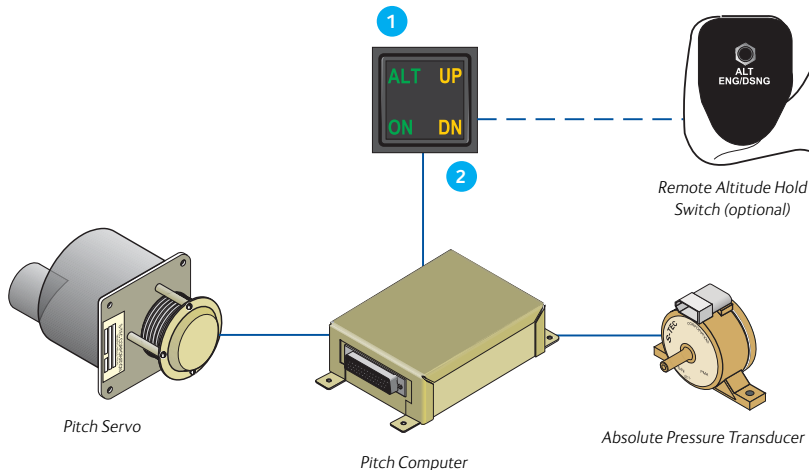
System Sixty PSS

- 3 Off switch.** To disable autopilot (A/P activated by pressing VS or ALT functions).
- 4 VS (Vertical Speed).** Holds existing vertical speed when engaged.
- 5 ALT (Altitude Hold).** Holds existing altitude when engaged.

- 6 GS.** Indicates glideslope coupling armed and/or active.
- 7 UP/DN buttons.** Used to command vertical speed changes; 160 FPM change for each second button is depressed. In altitude hold mode (ALT), buttons trim altitude by 20' of altitude for each second button is depressed.
- 8 Pitch Trim Annunciator.** When TRIM is lit, system is annunciating an out-of-trim condition, and UP/DN buttons will indicate direction to adjust pitch trim.

Both systems can be installed as stand-alone pitch axis autopilots, and can complement any brand of existing roll axis autopilot. The systems are not dependent on aircraft altimeter or attitude gyro; inputs derived from systems' solid state absolute pressure transducer and an accelerometer.

System Thirty ALT



System Thirty ALT: features and functions

- Compact, panel-mounted engagement switch
- Remote-mounted pitch computer and absolute pressure transducer.

Options

- Control wheel mounted engage / disengage switch
- Manual electric trim

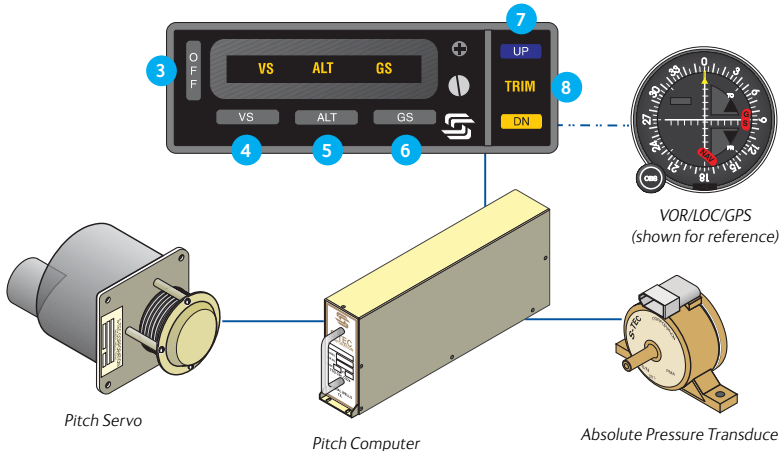
System Sixty PSS: features and functions

- Panel mounted programmer/mode selector
- Remote-mounted pitch computer and absolute transducer
- Automatic pitch synchronization at engagement

Options

- Automatic electric pitch trim (where STC'd).
- Altitude Selector/Alerter
- Yaw Damper

System Sixty PSS



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