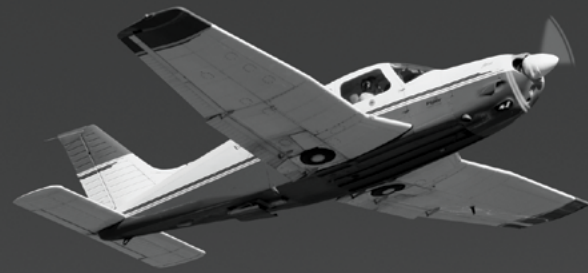GENESYS
AEROSYSTEMS

1-AXIS
OR 2-AXIS

FITS
3" ATI

EXPANDABLE

EASY
UPGRADES

System Forty & Fifty

Economical autopilots with three ATI-size, panel-mounted mode selector/programmer/annunciators

1-Axis or 2-Axis: Choose the capability that fits your flight profile requirements.

Fits 3" ATI: Conserve valuable panel space.

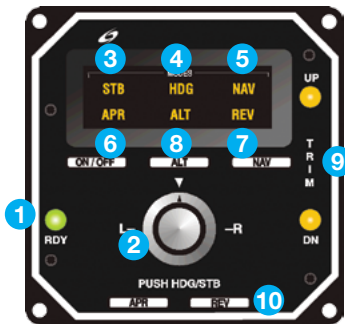**Expandable:** Start with basic functions and easily add functionality like GPSS and Yaw Damper.

Easy Upgrades: Simple upgrade from System 40 to System 50 for greater capabilities. Easy migration path to the higher performance of System 55X.

Advanced features
- 3" ATI panel-mounted
- Internal lighting
- Roll axis computer three ATI case-contained
- Heading preselect and hold**
- Turn command in "STB" roll stabilization mode
- Low and high gain VOR/LOC/GPS tracking (track only)
- Back course (REV) mode
- And much more

System Forty & Fifty
Economical autopilots with three ATI-size, panel-mounted mode selector/programmer/annunciators
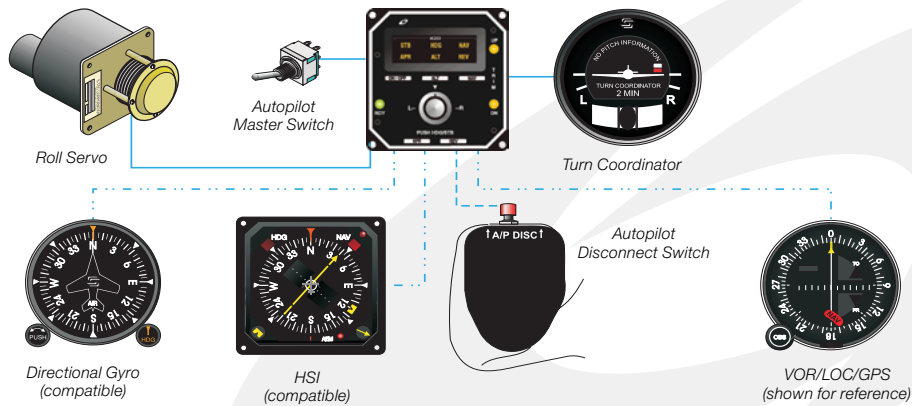
1 **Ready.** Indicates A/P ready status and reliable gyro speed.

2 **Multi-function control knob.** Turn command, or push to select heading hold or roll stabilization mode.

3 **Roll stabilization mode.** Holds wing level and enables command knob for A/P commanded turns up to 90% standard rate.

4 **Heading preselect and hold.****

5 **NAV/LOC/GPS tracking.** Dual gain NAV for en route tracking and smooth station passage.

6 APR for GPS en route, and LOC, VOR & GPS approaches.

7 REV for backcourse approaches.

8 Altitude hold.*

9 **Pitch trim annunciator.** Advises if up or down elevator trim required with altitude hold engaged*

10 Mode selector buttons.

* System Fifty features and functions

System Forty

Roll Servo

Autopilot Master Switch

Turn Coordinator

Directional Gyro (compatible)

HSI (compatible)

A/P DISC

Autopilot Disconnect Switch

VOR/LOC/GPS (shown for reference)

System Fifty

Autopilot Master Switch

Absolute Pressure Transducer

Roll Servo

Turn Coordinator

Pitch Servo

Directional Gyro (compatible)

HSI (compatible)

A/P DISC

ALT ENG/DSNG

Autopilot Disconnect Switch

Remote Altitude Engage/Disengage Switch (optional)

VOR/LOC/GPS (shown for reference)

System Forty: features and functions

- 3" ATI panel-mounted
- Internal lighting
- Roll axis computer three ATI case-contained
- Heading preselect and hold**
- Turn coordinator in "STB" roll stabilization mode
- Low and high gain VOR/LOC/GPS tracking (track only)
- Back course (REV) mode

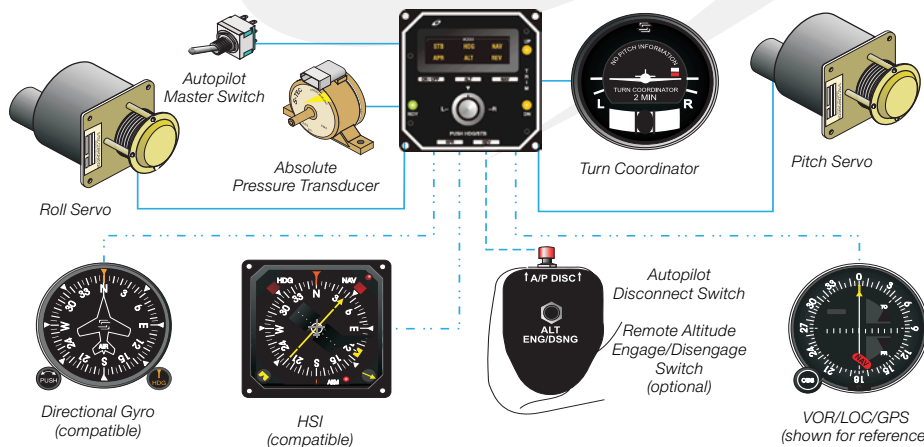### System Fifty: features and functions

- Same roll features/functions as System Forty
- Altitude hold (only)
- Pitch axis computer three ATI case-contained
- Pitch trim annunciation

Options

- Control wheel altitude mode select
- GPSS (GPS Steering) converter
- DG / HSI compatible
- Manual electric trim (where STC'd)
- Yaw Damper

**Operational if heading system (e.g., DG with heading bug) is installed and active.

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