

Ground Speed
from GPS

Heading
from Electronic Compass Sensor
(Heading Bugs not shown)

Ground Track
from GPS (not shown)

Density Altitude
Calculated

Air Speed
From VFIS Pitot Pressure Sensor

Altimeter Reading
From VFIS Pressure Sensor
Black Triangles-Altitude bugs
White Triangle-Current Altitude

Air Speed Indicator Ribbon
White-Flap Extension Region
Red -Min and Max speed
Yellow- Caution
Green- Normal Speed
Black Triangles- Speed bugs
White Triangle- Current Air Speed

Altitude Ribbon
Major Slash- 500 ft increments
Medium Slash- 100 ft Increments
Minor slash- 50 ft increments
Black Triangles-Altitude Set bugs
White Triangle-Current Altitude

Angle of Attack
From AOA pressure sensor using
AOA probe and ASI pressure
Red- Stall Condition
Yellow- Approaching Stall
Green- Acceptable AOA

Vertical Speed
from VFIS Pressure Sensor

True Air Speed
Calculated

Wind Vector
Calculated from GPS, True Air Speed, and Heading.
Shows cross wind and tail or headwind components

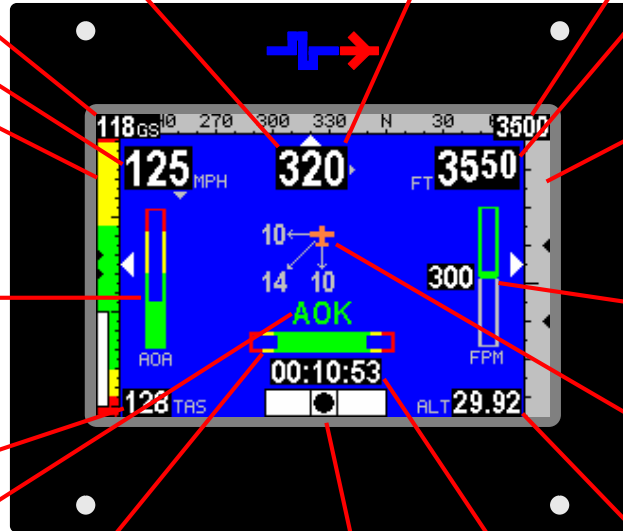
Status Summary
Green AOK- All channels OK
Yellow LABEL-IDs caution channel
Red LABEL- IDs alarm channel
(+) indicates more than one alarm or caution -can jump to status page for full status details

Bar/One™ Display
Composite of other measurements not currently displayed (eg, EGT, CHT, Oil Temp, etc.)
Green Bar- All in normal range
Yellow Bar -Caution level(s)
Red Bar- Limit(s) Exceeded

Slip Indicator
from Accelerometer

Flight Time
From airspeed Threshold

Altimeter Setting
Entered through pushbuttons on bezel or control stick



Note: Center of Display can also be used for displaying key engine parameters such as RPM, select Temperatures or future artificial horizon

Compact Color Visual Flight Information Screen (VFIS) Overview