



AH502SD Configuration Form

Customer information

Contact name	
Contact phone	
Contact email	
Aircraft type	
EFIS (if installed)	
EIS (if installed)	
Audio panel	

Customisation Information

Legend Text

- A set of engraved legends can be supplied at no charge if the Legend Text information in this document is completed.

Voice Alerts

- 8 Voice alerts for the AH502 can be supplied at no charge if the Voice alert information in this document is completed.
- The AH502 can typically support up to 32 custom voice alerts in combination with complex logic installations – see voice alerts section for more details.

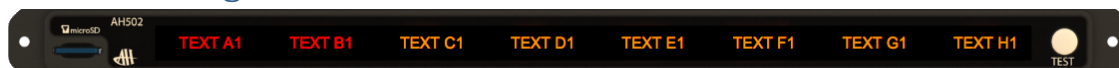
Data interface integration

- Support for EFIS or EIS systems may be configured at no charge at time of build if the interfacing device is supported. Please provide the EFIS or EIS type in the customer information section above.

Alert logic

- Simple, single parameter alert logic can be supplied at no charge if the alert logic information in this document is completed.
- Complex, multi-parameter and intelligent alert logic can be programmed but requires a more detailed discussion and may attract a charge.

AH502SD Legend text



- Standard build includes 2 Red Warning legends and 6 Amber Caution legends*
- Standard text is Gill Sans MT Regular 9pt.



- Width 21mm = typically 11 characters
- For single row text –complete Row 1

ABCDEFGHIKL

- For double row text –complete Rows 1 and 2

ABCDEFGHIKL
ABCDEFGHIKL

- Large text is Gill Sans MT Regular 16pt.
 - Width 21mm = typically 6 characters, 1 row only

ABCDEF

Legend	Row	Colour	Font size	Text (Limit is approximately 11 Chrs/row)
Example A1	Row 1	Red	9pt	HIGH
	Row 2			OIL PRESSURE
A1	Row 1	Red		-----
	Row 2	Red		-----
B1	Row 1	Red		-----
	Row 2	Red		-----
C1	Row 1	Amber		-----
	Row 2	Amber		-----
D1	Row 1	Amber		-----
	Row 2	Amber		-----
E1	Row 1	Amber		-----
	Row 2	Amber		-----
F1	Row 1	Amber		-----
	Row 2	Amber		-----
G1	Row 1	Amber		-----
	Row 2	Amber		-----
H1	Row 1	Amber		-----



	Row 2	Amber		-----
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AH502 Voice Alerts

- 8 Voice alerts for the AH502SD can be supplied at no charge if the Voice alert information in this document is completed.
- Voice is British English Female as standard – other languages and voices are available by special request.
- In simple implementations, a single Voice alert is mapped directly to a single legend.
- Complex implementations can have multiple and different voice alerts mapped to a single legend as well as voice alerts which don't have an associated legend. For these 'complex' implementations, please contact sales@aerosafetysystems.com to discuss your requirements.

AH502SD – Complete for SIMPLE voice alert implementations only

Legend Ref.	Voice txt
Example A1	"High Oil Pressure"
A1	
B1	
C1	
D1	
E1	
F1	
G1	
H1	

Alert Logic

The AH502SD incorporates a sophisticated proprietary alert logic programming environment which can enable complex and intelligent voice and indicator alerts to be generated using a combination of inputs from switches, sensors and EFIS/ EIS data feeds.

Basic alert logic can be captured on the table below.

For complex alert logic implementations, please contact sales@aerosafetysystems.com to discuss the requirements.

The optional AH112 provides galvanic isolation in the form of 12 opto-relay inputs that can be configured as active high or low. If you plan to monitor powered circuits we recommend that you purchase an AH112 or use customer supplied relays to isolate the inputs.



The AH504 I/O expansion unit can be used to increase the number of Digital and Analogue inputs supported by the Annunciator –typically needed for complex alert logic installations.

Please see the installation drawings and installation manuals for the AH502 and AH504 for details and references of available I/O (available on www.aerosafetysystems.com).

AH502SD Basic alert logic

LEGEND	VOICE	INPUT	STATE	DELAY	Warning/Caution
Example: A1	LOW OIL PRESSURE	AH502 D0	LOW	10sec	Warning
Example: C1	Check Oxygen	Garmin G3X, Altitude	> 10000	20sec	Caution
Example: D1	Low Volts	AH502 A0	< 12.5V	5sec	Caution
Example: E1	Check Doors	AH502 D1	HIGH	0sec	Caution
A1					Warning
B1					Warning
C1					Caution
D1					Caution
E1					Caution
F1					Caution
G1					Caution
H1					Caution

Complex alert logic

Complex alert logic can create multiple levels of Boolean logic which can combine data sources to generate intelligent profile and envelope alerts. Please contact sales@aerosafetysystems.com to discuss complex alert logic implementations.