



LIFESAVER® ELECTRIC ATTITUDE INDICATOR

4300 SERIES

MANUFACTURED BY MID-CONTINENT INSTRUMENTS



4300-411
Lifesaver® with battery* backup

***Provides up to one hour of emergency attitude reference in the event of aircraft power failure**



4300-313
Standard unit without battery

- Custom versions available to match existing instrument/EFIS displays
- Lifesaver® self-contained battery backup features:
 - One hour of emergency power*
 - Built-in annunciation
 - Internal emergency lighting
- A safe alternative to unreliable vacuum systems
- Single connector installation for primary and optional standby battery models
- Exceptional Value – 7,500 hours MTBF, more than double the life of most electric gyros
- Perfect for use as a primary or standby artificial horizon in fixed-wing aircraft and helicopters
- 10–32 volt DC operation for use in both 14 and 28 volt aircraft
- Anti-reflective glass enhances visibility and reduces fatigue
- Field replaceable lighting
- Approved to FAA TSO-C4c and RTCA/DO-160D certified
- Qualified to DO-160 for helicopter vibration
- Designed and built in Wichita, Kansas, USA
- One year limited warranty
- See reverse side for available options

* Fully charged and properly maintained battery. See installation manual.

Kansas
9400 E. 34th Street North
Wichita, KS 67226 USA
Tel 800-821-1212 316-630-0101
Fax 316-630-0723
mci@mcico.com



MID-CONTINENT
INSTRUMENTS
.....
WWW.MCICO.COM
WWW.LIFESAVERGYRO.COM

California
16320 Stagg Street
Van Nuys, CA 91406 USA
Tel 800-345-7599 818-786-0300
Fax 818-786-2734
mcw@mcico.com

LIFESAVER[®] ELECTRIC ATTITUDE INDICATOR

4300 SERIES

MANUFACTURED BY MID-CONTINENT INSTRUMENTS

SPECIFICATIONS

MTBF:	7,500 Hours
Certification:	FAA TSO-C4c RTCA/DO-160D
Power Input:	10–32 VDC: 1400 mA start, 600 mA max. running at 14 VDC input 700 mA start, 300 mA max. running at 28 VDC input
Battery:	Rechargeable, sealed lead-acid cells Life = 3 years in average aircraft environment Runtime = 60 minutes minimum, when fully charged and properly maintained
Annunciators:	Push to engage annunciator: STBY PWR – standby power mode TEST – battery test
Lighting:	5, 14 or 28 VDC Incandescent; field-replaceable tray wired through main connector
Glass:	Special HEA anti-reflective coating
Weight:	2.7 lbs. or 3.7 lbs. with battery option
Length:	6.6 inches, 8.6 inches with battery option
Mounting:	Rear mount in standard 3 1/8" round panel cutout
Temperature Range:	–30°C to +70°C (–22°F to +158°F)
Mating Connector:	MS3116F8–4S (P/N 9015514)

OPTIONS (PLEASE SPECIFY)

Lighting:	5, 14 or 28 VDC Incandescent
Lighting Color:	White, Blue/White, Red for 5, 14 or 28 VDC NVIS green available for 5 or 28 VDC
Panel Tilt:	Aircraft specific – specify exact tilt between 0° to 20°
Dial:	Fixed or rotating roll dial configurations, traditional or delta wing symbolic airplane
Knob Cover:	Restricts reference airplane adjustment
Emergency Battery:	One hour run time; automatic charging system Remote mountable with available kit
Inclinometer:	Front-mounted, ball-type slip indicator
Mounting:	Front mount available with ARINC style adapter plate

DISPLAY CONFIGURATIONS

4300-3XX SERIES – without battery

Model Number	Symbolic Airplane	Roll Dial
4300-311	Traditional	Rotating
4300-312	Traditional	Fixed
4300-313	Delta wing	Rotating
4300-314	Delta wing	Fixed

4300-4XX SERIES – with battery

Model Number	Symbolic Airplane	Roll Dial
4300-411	Traditional	Rotating
4300-412	Traditional	Fixed
4300-413	Delta wing	Rotating
4300-414	Delta wing	Fixed

Also available with high resolution display

