



4300-411 Lifesaver with battery backup



Lifesaver® 4300 Series 3-inch Electric Attitude Indicator

Manufactured by Mid-Continent Instruments and Avionics

THE *LIFESAVER* PROVIDES ONE HOUR OF EMERGENCY ATTITUDE REFERENCE IN THE EVENT OF AIRCRAFT POWER FAILURE.*

DISPLAY CONFIGURATIONS

4300-4XX, -6XX SERIES *LIFESAVER*® — WITH BATTERY BACKUP

Model Number	Symbolic Airplane	Roll Dial
4300-411	Traditional	Rotating
4300-412	Traditional	Fixed
4300-413	Delta wing	Rotating
4300-414	Delta wing	Fixed
4300-611	Traditional	Rotating
4300-613	Delta wing	Rotating

4300-3XX SERIES — WITHOUT BATTERY BACKUP

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

- The 4300-4XX and -6XX Series *Lifesaver* with self-contained battery backup features
 - One hour of emergency power*
 - Built-in annunciation
 - Internal emergency lighting
- 4300-6XX units automatically switch to standby battery power without pilot intervention
- Versions available to match existing instrument/EFIS displays
- A safe alternative to unreliable vacuum systems
- Ideal primary or standby artificial horizon in fixed-wing and helicopter applications
- Single 4-pin connector installation
- 7,500 hours MTBF — more than double the life of most electric gyros
- 10-32 volt DC operation for use in both 14 and 28 volt aircraft
- Field-replaceable lighting
- Anti-reflective glass enhances visibility and reduces pilot fatigue
- FAA TSO-C4c certified and RTCA DO-160D qualified
- DO-160 qualified for helicopter vibration
- Designed and built in Wichita, Kansas, USA
- One-year limited warranty

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

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SPECIFICATIONS

MTBF	7,500 hrs
Certification	FAA TSO-C4c RTCA DO-160D
Power Input	10-32 VDC 1400 mA start, 600 mA max at 14 VDC input 700 mA start, 300 mA max at 28 VDC input
Battery	Rechargeable, sealed lead-acid cells Life 3 years in average aircraft environment Run time 60 minutes minimum when fully charged and properly maintained
Annunciators	STBY PWR (standby power mode) TEST (battery test – red/green)
Lighting	Field-replaceable tray wired through main connector
Glass	Special HEA anti-reflective coating
Weight	2.7 lbs without battery 3.7 lbs with battery
Length	6.6 inches without battery 8.6 inches with battery
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	Mid-Continent P/N 9015514 (MS3116F8-4S)

OPTIONS (please specify)

Lighting	5, 14 or 28 VDC Incandescent, LED or NVIS
Lighting Color	White, Blue/White, Red for 5, 14 or 28 VDC NVIS green available for 5 or 28 VDC
Panel Tilt	Aircraft specific – calibrated at factory Specify exact tilt between 0° to 20° when ordering
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 mount kit available
Inclinometer	Front-mounted Ball-type slip indicator
Mounting	Front mount available with ARINC style adapter plate

