

Note

1. **Instrument certified** under TSO C4c.

2. **Weight:** 1.8 kg. max.

3. **Lighting:** Contains integral wedge lighting. Lens coated with HEA anti-reflective coating per MIL-C-14806A. Lighting voltage & color determined by installed light tray. Please specify lighting when ordering. Incandescent blu-wht light trays: Base p/n 6622-0015-0001 for 28v lighting, -0002 for 5v. ANVIS lighting green 6622-1008-0905, or white -0906.

4. **Mounting:** Bezel is front-mounted in a shock-mounted panel, using 4 each 6-32 flat head screws.

5. **Initial erection:** Gyro should be manually erected with the "PULL TO CAGE" knob after "GYRO" flag actuates out-of-view. Caging knob is spring-loaded to prevent inadvertently locking the gyro in the erected position.

6. **Unit (J1) mating connector P1** p/n 8821-1025-0001, supplied separately.

7. **Reference:** Engineering Specification 0043-1013-0004, and Q.A. test data 0044-1013-0004.

8. **Finish:** Indicating graduations, numerals, roll index and "ELEC." white per 0045-0007-0021. Reference delta ARC yellow per 0045-0007-0028. Command bars saturn yellow per 0045-0007-0002. Lower half of pointer bar, roll dial & masks brown per 0045-0007-0029; upper half blue per 0045-0007-0008. Power monitor flags rocket red per 0045-0007-0004 with black letters. Caging knob label silver with black letters. Non-functional surfaces black per 0045-0007-0014, with silverline on bezel face.

9. **Inclinometer:** (Optional) White ball in a clear viscous fluid on a black background. Please specify when ordering.

10. **Panel tilt** specified per part number in adjacent chart.

Part Number	Tilt	Lighting	Flight Director	Bezel
504-0027-90504	0°	28v	E	Front mt.*
504-0027-90505	0°	5v	F	Front mt.*
504-0027-90601	8°	28v	G	Front mt.*
504-0027-90602	8°	5v	H	Front mt.*
504-0027-90603	5°	28v	J	Front mt.*
504-0027-90604	5°	5v	K	Front mt.*

Flight Director applications

- This part number is equivalent replacement for previous p/n 504-0040-901 Bendix/King p/n 060-0037-00.
- This part number is equivalent replacement for previous p/n 504-0040-903 Bendix/King p/n 060-0037-02.
- This part number is equivalent replacement for previous p/n 504-0040-902 Bendix/King p/n 060-0037-01.
- This part number is equivalent replacement for previous p/n 504-0040-904 Bendix/King p/n 060-0037-03.
- This part number is equivalent replacement for previous p/n 504-0040-911 Bendix/King p/n 060-0037-04.
- This part number is equivalent replacement for previous p/n 504-0040-912 Bendix/King p/n 060-0037-05.

*Front mount bezel has equivalent physical specifications to the Bendix/King Model KI-254.

0041-1082 B	
DASH NUMBERS SHOWN ABOVE	
SHEET 2 OF 2	
 CASTLEBERRY INSTRUMENTS & AVIONICS Austin, Texas www.castleberry.com	Outline, Horizon Model 900-23EVPK Note 8 Autopilot/ Flight Director
CASE 3873 REVISED 1/24/2011 APPROVAL F.G. 1-24-11 PREPARED BY AGG CHECKED BY JGG DATE 3/17/11 3277 A DATE 1/21/11 3277 A DATE 10/26/2010 JIM	UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN INCHES (mm) DECIMALS TO 0.001 TOLERANCES: FRACTIONS: ± .005 DECIMALS: ± .005 HOLE DECIMALS: ± .005 HOLE DECIMALS: ± .005