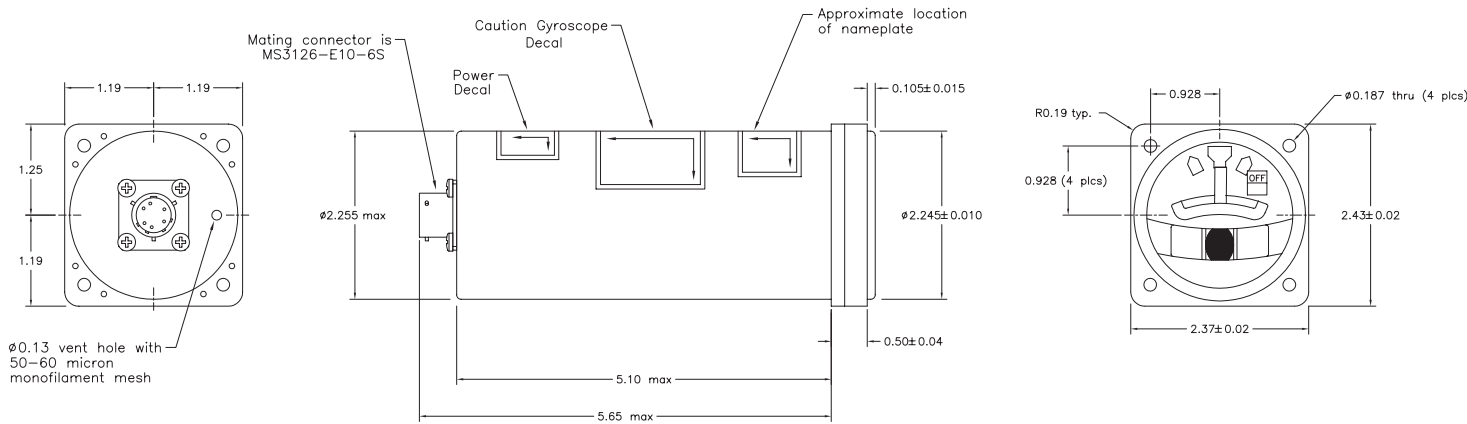


Configurations

Dash #	Ball Cage	Ball Color	Ball Background	Doghouse
Bsc	White	Black	White	Yes



Pin	Signal Description
A	28 VDC
B	Return
C	Not Used
D	Not Used
E	5 Volt
F	Lighting

Notes:

- 1) Dial and pointer marking to be flat white per FED-STD-595 color #37875, on flat black background per FED-STD-595 color #37038.
- 2) Color of black slip indicator ball per FED-STD-595 color #17038.
- 3) Approved for manufacture per FAA-TSO-C3b.
- 4) Exterior surfaces to be painted flat gray per FED-STD-595 color #36118.
- 5) Instrument to be calibrated for 9" panel mount.
- 6) Bezel glass to have non-reflective coating per HEA process.
- 7) Lighting to be per spec. DH-EPS 7/7-1.

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Revisions

ECO	Rev.	Description	Date	Approved
135	F	Create Cessna -C model.	10/29/93	ScH
722	G	Redraw drawing. See obsolete dwg for rev. history. Cancel ECO 135. Turn Indicator was 1-3 sec. Slip Indicator was .4 min. Add pinout. Add gyro decal. Change numerous dimensions. Add "OFF" to flag.	10/30/97	ScH

Logo and company name have been changed in title block only. No functional or technical changes have been made. Revision remains unchanged.

SPECIFICATION FOR:
TURN & SLIP INDICATOR (WITH EMI FILTER)

POWER CONSUMPTION

	Min.	Max.
Voltage:	24.3 VDC	31.6 VDC
Current (Running):	---	0.4 A
Current (Starting):	---	1.10 A
Warning Flag:	22 VDC	23.4 VDC

CHARACTERISTICS

	Min.	Max.
Starting Time:	---	3 min.
Weight:	---	1.4 lbs.
Life:	1500 hrs.	---
Indication Sensitivity (Double Deflection)		
Turn Rate	Min.	Max.
0°/min	0 in.	0.010 in.
90°/min	0.125 in.	0.187 in.
180°/min	0.282 in.	0.344 in.
360°/min	0.437 in.	0.687 in.

Damping Sensitivity

	Min.	Max.
Time from full deflection to zero with no over shoot:	2 sec.	4 sec.
Slip Indicator (Fluid)		
Time for ball movement from -12° slip angle to +12° slip angle:	0.2 sec.	---
Dielectric strength to case (1 min.):	---	500 VDC

ENVIRONMENTAL CAPABILITY

Temperature Range:	-65°F	+160°F
Altitude Range:	0 ft.	30,000 ft.

Unless otherwise specified:
All dimensions are in inches
Tolerance: Fractional = $\pm 1/16$
.xx = ± 0.015
.xxx = ± 0.005
.xxxx = ± 0.002
Angular = $\pm 0.5^\circ$
Concentricity: .005 TIR
Break all sharp edges
Threads per MIL-S-7742

Surface roughness: $\sqrt{125}$

DRAWN	J. Reed	10/30/97
APPROVED		
NEXT ASSY:		
USED ON:		
END ITEM:	N1L	
CODE IDENT. NUMBER:	59742	

MidContinent™
INSTRUMENTS+AVIONICS

TITLE: Indicator, 28V
Turn & Slip

PART NUMBER:
5550-8340N1L

SCALE: None

SHEET 1 of 1