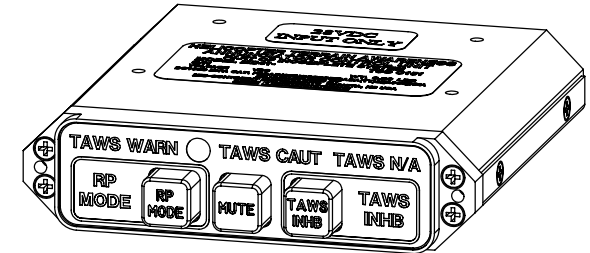
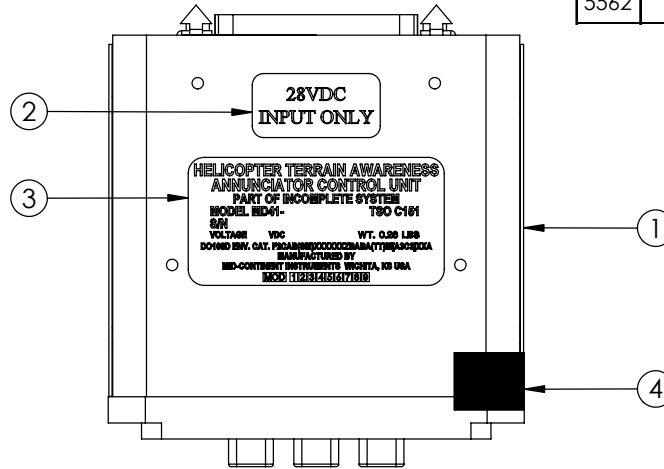
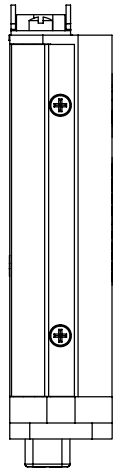


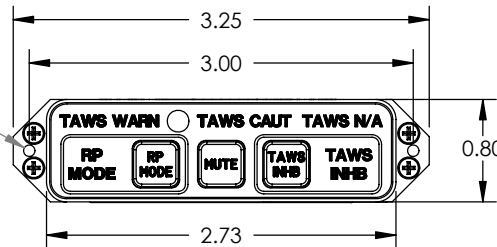
Configuration	
Dash #	

Revision				
ECO	Rev.	Description	Date	Approved
	A	Production release.	2/19/10	MKN/BAW
5414	B	Updated TSO reference. Assembly 9016978-3 was 9016978-6.	6/18/10	MKN/JDS
5531	C	Rotated Nameplate 180° and Warranty Decal 90°.	12/27/10	MKN/Sch
5562	D	Env. Qual. Changed from ..(SM)...to ...(SM/UG)...	03/01/11	MKN/CJM

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



2X 4-40 UNC - 2B
3/8" max thread depth



Connector Pinout			
Pin #		Pin #	
1	Annun. Full Bright #1	14	Reduced Protection Mode* IN
2	Annun. Full Bright #2	15	Reduced Protection Mode* OUT
3	TAWS Warning BRT/DIM IN	16	Mute Caution* OUT
4	Internal Dimming Program #1	17	Reserved
5	TAWS Caution Annun.* IN	18	Reserved
6	TAWS Test* IN	19	TAWS Annun. Inhibit* IN
7	Annun. BRT/DIM IN	20	TAWS Inhibit* OUT
8	Panel Lighting Bus HI**	21	Aircraft Ground
9	Panel Lighting Bus LO	22	Aircraft Ground
10	TAWS Not Available Annun. IN	23	Aircraft Ground
11	TAWS Warning Annun.* IN	24	Aircraft Ground
12	Internal Dimming Program #2	25	Aircraft Ground
13	Aircraft Power**		

* Designates an active low signal
** See Specifications for lighting voltage input.

Specifications	
Power Input	28 VDC 0.15 Amps
Lighting	LEDs; 5 VDC input
Dimming	Automatic or Full Bright
Weight	0.26 lbs
Qualification Tests	FAA TSO C151 RTCA DO-160 Env. Cat. F2CAB(SM/UG)XXXXXXZBABA(TT)M[A3C3]XXA
Temperature	-55°C to 70 °C
Altitude	0 to +55,000 Ft.
Connector	MD25M5R40V30
Mating Connector	RD25F10JVLO
Color	Bezel: Black TAWS WARN Annunciation: Red TAWS CAUT and TAWS N/A Annunciations: Amber RP MODE and TAWS INHB Annunciations: White Buttons: Backlit White

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.
TOLERANCE:
FRACTIONAL=±1/64
.XX=±0.015
.XXX=±0.005
.XXXX=±0.002
ANGULAR=±0.5°
CONCENTRICITY: 0.005 TIR
BREAK ALL SHARP EDGES
THREADS PER MIL-S-7742

DRAWN:
MKN
11/17/2009

APPROVED:
BAW
2/18/2010

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TITLE:
HTAWS Annunciation Unit

PART NUMBER:
MD41-1048(5V)

SCALE: 2:3

DO NOT SCALE THIS DRAWING

SHEET: 1 of 1

Item	Qty	Part Number	Description
1	1	9016978-3	Assy, MD41-1048(5V)
2	1	7016942	Decal, 28VDC For MD41
3	1	9017000	Nameplate
4	1	6018956	Decal, Warranty