

## 17 SYMBOLS

The following tables describe the symbols that are found on the Map display.

### 17.1 Map Page Symbols


















Symbol	Description
	Airport with hard surface runway(s); Serviced, Primary runway shown
	Airport with hard surface runway(s); Non-Serviced, Primary runway shown
	Airport with soft surface runway(s) only, Serviced
	Airport with soft surface runway(s) only, Non-Serviced
	Unknown Airport
	Restricted (Private) Airfield
	Intersection
	VOR
	VORTAC
	VOR/DME
	TACAN
	DME
	NDB
	Locator Outer Marker
	Heliport
	User Waypoint
	VRP

Table 17-1 Map Page Symbols

## 17.2 SafeTaxi™ Symbols






Symbol	Description
	Helipad
	Airport Beacon
	Under Construction Zones
	Unpaved Parking Areas
	Hot Spot

Table 17-2 SafeTaxi Symbols

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## 17.3 Traffic Symbols




TIS Symbol	Description
	Non-Threat Traffic
	Traffic Advisory (TA)
	Traffic Advisory Off Scale

Table 17-3 TIS Symbols





TAS Symbol	Description
	Non-Threat Traffic (intruder is beyond 5 NM and greater than 1200 ft vertical separation)
	Proximity Advisory (PA) (intruder is within 5 NM and less than 1200 ft vertical separation)
	Traffic Advisory (TA) (closing rate, distance, and vertical separation meet TA criteria)
	Traffic Advisory Off Scale

Table 17-4 TAS Symbols







Symbol		Description
Imminent Traffic (Traffic within $\pm 500$ feet AND 1.0 NM; OR no altitude AND within 1.0 NM)	Non-Imminent Traffic	
		Traffic Closing Vertically
		Traffic Diverging Vertically
		Traffic not Closing or Diverging Vertically

Table 17-5 9900B TCAD Symbols

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



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Symbol	Description
	Traffic Advisory
	Proximity Advisory (color may be configured as cyan)
	Other Traffic (color may be configured as cyan)
	Out-of-Range Traffic Advisory

**Table 17-6 9900BX (TCAS) Symbols**

Symbol	Description
	Basic Non-Directional Traffic
	Basic Directional Traffic
	Basic Off-scale Selected Traffic
	Proximate Non-Directional Traffic
	Proximate Directional Traffic
	Proximate Off-scale Selected Traffic
	Non-Directional Alerted Traffic
	Off-Scale Non-Directional Alerted Traffic
	Directional Alerted Traffic
	Off-Scale Directional Alerted Traffic
	Non-Directional Surface Vehicle
	Directional Surface Vehicle

**Table 17-7 ADS-B Traffic Symbols**



**NOTE:** Color of basic and proximate traffic is dependent on configuration (cyan or white) and airborne/on-ground status of target (target is brown when on the ground, see the surface vehicles).

## 17.4 Terrain Obstacle Symbols




Unlighted Obstacle (Height is less than 1000 ft AGL)	Lighted Obstacle (Height is less than 1000 ft AGL)	Unlighted Obstacle (Height is greater than 1000 ft AGL)	Lighted Obstacle (Height is greater than 1000 ft AGL)
			

Table 17-8 Obstacle Altitude/Color Correlation





Tower	Windmill	Windmill in Group	Power Line
			

Table 17-9 Obstacle Icon Types

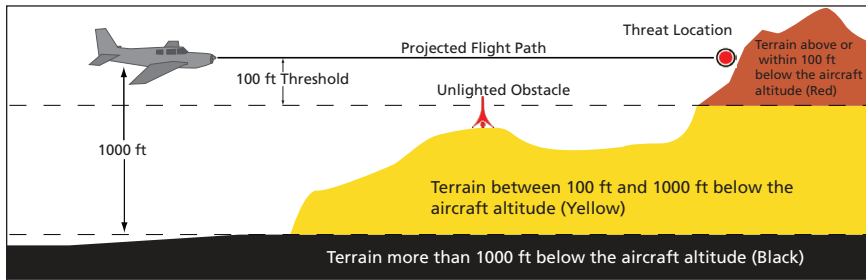


Figure 17-1 Terrain Altitude/Color Correlation

# 17.5 HTAWS Obstacle Symbols

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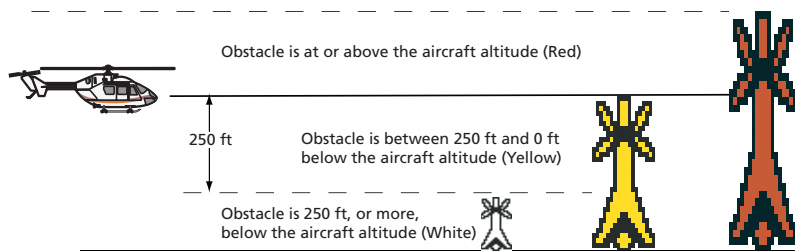


Figure 17-2 HTAWS Obstacle Altitude Correlation

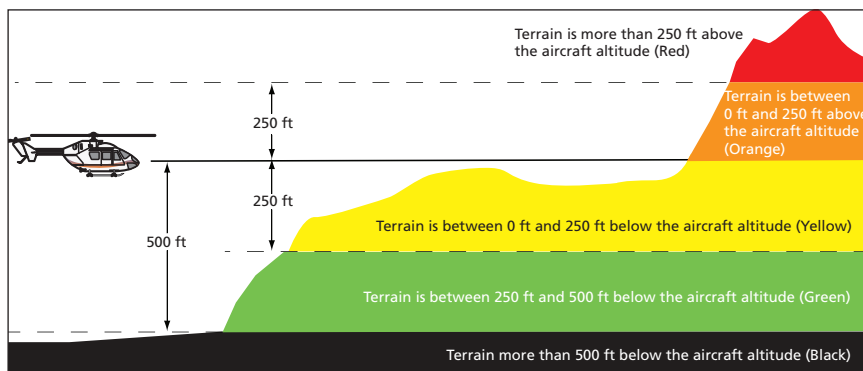


Figure 17-3 HTAWS Altitude/Color Correlation

## 17.6 Basemap Symbols

Symbol	Description
	Interstate Highway
	State Highway
	US Highway
	National Highway - 2-digit drawn inside
	Small City or Town
	Medium City
	Large City

**Table 17-10 Basemap Symbols**

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## 17.7 Map Tool Bar Symbols

















Symbol	Description
	Terrain Proximity Enabled and Available Indicator
	Terrain Proximity Enabled and Not Available Indicator
	Point Obstacle Enabled and Available Indicator (Software v5.12 and later)
	Point Obstacle Enabled and Not Available Indicator (Software v5.12 and later)
	Wire Obstacles Enabled and Available Indicator (Software v5.12 and later)
	Wire Obstacles Enabled and Not Available Indicator (Software v5.12 and later)
	StormScope Enabled
	Ownship is receiving TIS-B and ADS-R services (Software v5.11 or earlier)
	Possible incomplete traffic picture – ownship is not receiving one (or both) of the TIS-B or ADS-R services (Software v5.11 or earlier)
	Traffic Enabled and Available Indicator
	Traffic Enabled and Not Available Indicator

**Table 17-11 Map Tool Bar Symbols**

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## 17.8 Miscellaneous Symbols

Symbol	Description
	Low-Wing Prop (Default Ownship)
	High-Wing Prop
	Kit Plane
	Turboprop
	Twin-Engine Prop
	Single-Engine Jet
	Business Jet
	2-Blade Rotorcraft
	3-Blade Rotorcraft
	4-Blade Rotorcraft
	High Visibility Arrow
	Basic Aircraft
	Non-directional ownship is shown if there is no heading or ground track. This typically only occurs during start-up. In helicopters without a heading source, the non-directional ownship symbol will also appear below 15 kts.
	Parallel Track Waypoint
	Restricted/Prohibited/Warning/Alert
	TFR (Temporary Flight Restrictions)

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Symbol	Description
	MOA
	Class B Airspace
	Class C Airspace
	Class D Airspace
	User Waypoint

Table 17-12 Miscellaneous Symbols



**NOTE:** Ownship icons are configured by the installer and can be colored magenta for enhanced visibility (Software v5.12 or later).

## 17.9 Stormscope Symbols





Symbol	Description
	6
	60
	120
	180

Table 17-13 Stormscope Symbols