

# **AEROSPACE SERVICES OPERATIONS INFORMATION BULLETIN (ASOIB)**

## **Guidance for the download and creation of the KGP, KMH, and MK XXI Terrain Database using Bendix King Wingman Services**

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# **AEROSPACE SERVICES OPERATIONS INFORMATION BULLETIN (ASOIB)**

**Table 1: Revision History**

<b>Revision Number</b>	<b>Brief Description of Revision</b>	<b>Revision Date</b>
-	Initial Release	22 Oct 2021

# **AEROSPACE SERVICES OPERATIONS INFORMATION BULLETIN (ASOIB)**

## **1. Effectivity –**

October 22, 2021

## **2. Reason –**

Provide guidance to customers for the download and creation of the KGP, KMH, or MK XXI Terrain Database (TDB) using the Honeywell database distribution website and a compact flash reader connected to a computer.

## **3. Instructions –**

### **I. Create Subscription Account**

- a. Contact DSA at [dsa@honeywell.com](mailto:dsa@honeywell.com)

# AEROSPACE SERVICES OPERATIONS INFORMATION BULLETIN (ASOIB)

## II. Download Terrain Databases

1. Visit the Wingman website at <https://wingmanservices.bendixking.com/>

The screenshot displays the Wingman website interface. At the top, a navigation bar includes links for Wingman Home, Order / View Subscription, Tools / Software, AV8OR, Sentinel / Observer, and KSN. Below this, there are links to "Go to Aerospace Data Services" and "Need Help on BKWingman?". The main content area features a large image of the AeroVue Touch display, which shows a flight instrument panel with a map and various data fields. To the right of the display is a vertical control panel with buttons for HDS, CRS, PWS, and ALT. Below the image, a paragraph describes the AeroVue Touch as a low-cost display for 353 aircraft types, offering powerful touchscreen capabilities and improved safety by consolidating flight information onto one screen. To the right of the main content, there is a "Go to WingmanLogin" button, a "Quick Links" section with links to Pilot Guides, Almanac data, Tech Support, Wingman Price Catalog, and Database Schedules, and a "Database Coverages" section with a "Product Line" dropdown menu. Below the main content, there is a "News and Updates" section with a list of recent updates, including "Runway Data Issue Notification", "Release Statement Terrain Database 622", "Terrain Database Version 622 Change Info File", "Release Statement Terrain Database 621", "Suspension of Support of AV8OR and AV8OR ACE Product Lines", "Terrain Database Version 621 Change Info File", "Terrain Database 620 Release Statement", "LOA Parts Matrix EGPWS Databases 993-0109-001", "Terrain Database Version 620 Change Info File", "Terrain Database 619 Release Statement", and "Terrain Database Type 2 LOA0015LA". At the bottom of the page, there is a footer with links to Terms & Conditions, Privacy Statement, Do Not Sell My Personal Information, Global Unsubscribe, Manage Cookies, and Cookie Notice, along with the text "A Honeywell Aerospace Business" and "© Copyright Honeywell International Inc 2004-2021". A note at the bottom right states "Note: Site best viewed @ 1024 x 768 display setting & with IE10 and above."

Wingman Home | Order / View Subscription | Tools / Software | AV8OR | Sentinel / Observer | KSN

→ Go to Aerospace Data Services

→ Need Help on BKWingman?

**AeroVue™ Touch** is a low-cost display available for 353 aircraft types that offers powerful and intuitive touchscreen capabilities with the highest screen resolution on the market today. The system delivers improved safety by consolidating all essential flight information onto one screen, and reduces pilot workload by making all flight-critical functions accessible with only one or two touches on the screen. The AeroVue Touch comes standard with industry-leading SmartView™ synthetic vision system, ADS-B In traffic and weather display.

**Go to WingmanLogin**

**Quick Links**

- ▶ Pilot Guides
- ▶ Almanac data
- ▶ Tech Support
- ▶ Wingman Price Catalog
- ▶ Database Schedules

**Database Coverages**

Product Line :

**News and Updates**

Aug 06, 2021	<a href="#">Runway Data Issue Notification</a>
Aug 04, 2021	<a href="#">Release Statement Terrain Database 622</a>
Jun 30, 2021	<a href="#">Terrain Database Version 622 Change Info File</a>
Jun 09, 2021	<a href="#">Release Statement Terrain Database 621</a>
Jun 01, 2021	<a href="#">Suspension of Support of AV8OR and AV8OR ACE Product Lines</a>
May 11, 2021	<a href="#">Terrain Database Version 621 Change Info File</a>
Apr 14, 2021	<a href="#">Terrain Database 620 Release Statement</a>
Apr 14, 2021	<a href="#">LOA Parts Matrix EGPWS Databases 993-0109-001</a>
Mar 25, 2021	<a href="#">Terrain Database Version 620 Change Info File</a>
Feb 17, 2021	<a href="#">Terrain Database 619 Release Statement</a>
Apr 23, 2019	<a href="#">Terrain Database Type 2 LOA0015LA</a>

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Database Coverages

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**Wingman**  
Wingman



# AEROSPACE SERVICES OPERATIONS INFORMATION BULLETIN (ASOIB)

4. Click "Database Downloads" or "Download your Databases"

The screenshot shows the Honeywell Aerospace Services Operations Information Bulletin (ASOIB) website. The navigation bar at the top includes links for 'Wingman Home', 'Database Downloads', 'Order / View Subscription', 'Tools / Software', 'AV8OR', 'Sentinel / Observer', 'KSN', and 'Logout'. A red arrow points to the 'Database Downloads' link. Below the navigation bar, there's a 'Navigation Databases' section with a globe icon and a 'Download your Databases' button, also highlighted by a red arrow. To the right, there's a 'Welcome' message and a 'Database Coverages' section with a dropdown menu. At the bottom, there's a 'Quick Navigation' section with links for Downloads, Documents, and Subscriptions. The footer contains legal disclaimers and copyright information.

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5. Click "Accept"

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### Your Database Downloads

Listed below are databases currently available to you.

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**Current Version Of**  
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Welcome

### GPS Databases / Terrain Databases

ID Internal Identifier		Product	Remaining Downloads
210	<a href="#">Download</a>	<a href="#">Coverage Map</a> Mark XXI North America-622	NA <a href="#">Download Docs</a>
211	<a href="#">Download</a>	<a href="#">Coverage Map</a> Mark XXI Middle East-622	NA <a href="#">Download Docs</a>
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216	<a href="#">Download</a>		NA <a href="#">Download Docs</a>
217	<a href="#">Download</a>		NA <a href="#">Download Docs</a>
218	<a href="#">Download</a>		NA <a href="#">Download Docs</a>
219	<a href="#">Download</a>		NA <a href="#">Download Docs</a>
220	<a href="#">Download</a>		NA <a href="#">Download Docs</a>
560	<a href="#">Download</a>		NA <a href="#">Download Docs</a>
561	<a href="#">Download</a>		NA <a href="#">Download Docs</a>
562	<a href="#">Download</a>		NA <a href="#">Download Docs</a>

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6. Click the "Download" button next to the appropriate Product

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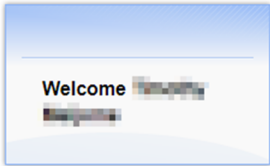
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213	<a href="#">Download</a> <a href="#">Coverage Map</a>	Mark XXI Europe-622	NA <a href="#">Download Docs</a>
214	<a href="#">Download</a> <a href="#">Coverage Map</a>	Mark XXI Africa-622	NA <a href="#">Download Docs</a>
215	<a href="#">Download</a> <a href="#">Coverage Map</a>	Mark XXI South Africa-622	NA <a href="#">Download Docs</a>
216	<a href="#">Download</a> <a href="#">Coverage Map</a>	Mark XXI Pacific-622	NA <a href="#">Download Docs</a>
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		PAC-622	

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561	<a href="#">Download</a> <a href="#">Coverage Map</a> KGP560 (KGP860 KMH820,880,920,960) ATL-622	NA <a href="#">Download Docs</a>
562	<a href="#">Download</a> <a href="#">Coverage Map</a> KGP560 (KGP860 KMH820,880,920,960) PAC-622	NA <a href="#">Download Docs</a>

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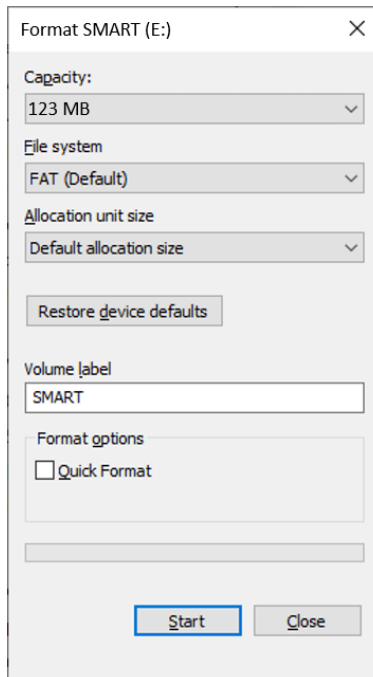
8. Save the file to a folder on your local computer

# AEROSPACE SERVICES OPERATIONS INFORMATION BULLETIN (ASOIB)

## III. Prepare Removable Media

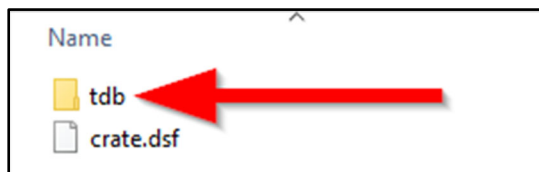
**Note:** Must be done on Windows 7 or prior windows version.

1. Insert Compact Flash Card into the compact flash card reader/writer
  - a. The commercially available Kingston Technology USB 3.0 High-Speed Media Reader Part # FCR-HS4 is recommended but not required
  - b. Reuse the previous Compact Flash Card when able
2. Format the Compact Flash Card using the “full format” option (do not use the “quick format” option)
  - a. FAT file system / unit allocation size “Default”
  - b. See below for reference



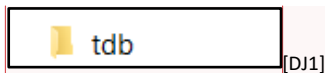
## IV. Copy Terrain Database onto Compact Flash Card

1. Unzip the recently downloaded Database file
2. Copy the “TDB” folder and all its contents onto the Compact Flash Card

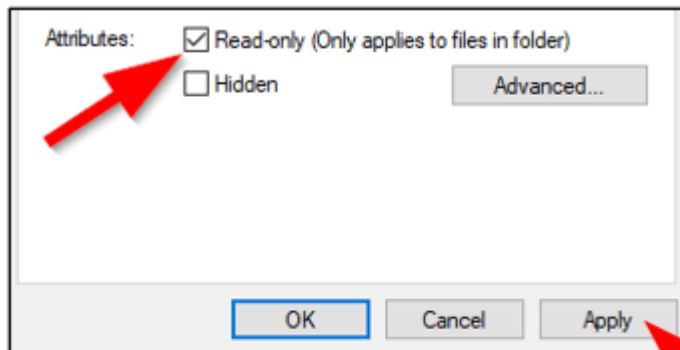


## AEROSPACE SERVICES OPERATIONS INFORMATION BULLETIN (ASOIB)

3. Verify that the Removable Media has the exact folder structure as shown below  
*Note: Failure to have the "tdb" folder with all its contents will prevent the TAWS unit from loading*



4. Verify the total number of files and the CRC/SHA values match from source to the Compact Flash Card
5. On the Compact Flash Card, right click the "tdb" folder and ensure the 'Read Only' checkbox is selected then select Apply.  
NOTE: The Read-only box must be checked; solid fill (blue or black) is not sufficient when first creating the card.



6. Eject the Compact Flash Card from the compact flash card reader/writer
7. Load the Compact Flash Card onto the TAWS unit by following the specific unit loading instructions ensuring that an invalid database message or equivalent is not observed. **Please wait at least 10 minutes for unit to initialize.**

---

**Account Services:**

Phone: (602) 436-6737, Option 2, 3

E-mail: [dsa@honeywell.com](mailto:dsa@honeywell.com)

**NavDB Production:**

E-mail: [Aviation.Services@honeywell.com](mailto:Aviation.Services@honeywell.com)

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