

# HANGAR FM

In-Sim Music Player for MSFS 2024 EFB — Install Guide v1.0

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## What Is This?

Hangar FM is a custom music player that runs inside the MSFS 2024 EFB (Electronic Flight Bag). Pick an artist from the list, tap play, and Windows Media Player streams your MP3s through your speakers while you fly. The EFB shows the track list, current song, and playback controls. It auto-starts silently when Windows boots.

## System Requirements

- Windows 10 or 11 Pro — 64-bit
- Microsoft Flight Simulator 2024
- Node.js v18 or newer — download free from [nodejs.org](https://nodejs.org) (LTS version recommended)
- Windows Media Player — built into Windows, enable in Windows Features if missing
- IIS (Internet Information Services) — free Windows feature, enabled during setup
- VoyagerSim EFB WWW Browser addon — free download from [flightsim.to](https://flightsim.to)
- Your own MP3 files organized in artist folders

## Files Included

`hangerfm-website\hangarfm.html` — The EFB music player page

`hangerfm-website\get_songs.js` — Node.js server — serves the page and controls WMP

`hangerfm-website\START-SONGS.vbs` — Launches Node silently at startup

`hangerfm-website\WwwAppView.js` — Modified VoyagerSim file — sets EFB default to Hangar FM

`Community\sgeti-hangerfm-service\` — MSFS Community addon — auto-launches with the sim

`HangarFM_Install_Guide.pdf` — This guide

## Step 1 — Install Node.js

Download and install Node.js from [nodejs.org](https://nodejs.org) — choose the LTS (Long Term Support) version. Run the installer and accept all defaults. No special settings needed.

After installing, verify it worked by opening Command Prompt and typing:

```
node --version
```

You should see a version number like v20.x.x.

## Step 2 — Enable IIS

Press **Win + R** and type:

```
optionalfeatures
```

In the Windows Features window, check **Internet Information Services**. Accept all defaults inside it and click OK. Windows will install IIS.

Then open IIS Manager by pressing **Win + R** and typing:

```
inetmgr
```

In IIS Manager: click **Default Web Site** on the left, then click **Bindings** on the right, select the http binding, click Edit, and change the port from 80 to **8083**. Click OK.

## Step 3 — Create the Website Folder

Create this folder on your PC:

```
C:\inetpub\wwwroot\hangerfm\
```

Copy these files from the hangerfm-website folder in the zip into it:

```
hangarfm.html get_songs.js START-SONGS.vbs WwwAppView.js
```

## Step 4 — Add Your MP3s

Inside the hangerfm folder, create an MP3 folder with artist subfolders:

```
C:\inetpub\wwwroot\hangerfm\MP3\Aerosmith\01-Back in the Saddle.mp3  
C:\inetpub\wwwroot\hangerfm\MP3\Eagles\01-Hotel California.mp3
```

**IMPORTANT:** The artist folder name must match exactly what appears in hangarfm.html. To add a new artist not already listed, add their MP3 folder and add one line to hangarfm.html.

## Step 5 — Set Up Auto-Start

Press **Win + R** and type:

```
shell:startup
```

Copy **START-SONGS.vbs** from C:\inetpub\wwwroot\hangerfm\ into this Startup folder. Node.js will now start silently every time Windows boots — no window, no prompts.

## Step 6 — Install the VoyagerSim Addon

Install the free VoyagerSim EFB WWW Browser from [flightsim.to](https://flightsim.to) first. Then replace its `WwwAppView.js` with the one included in this package:

```
Community\voyagersim-efb-wwwapp\html_ui\efb_ui\efb_apps\wwwapp\WwwAppView.js
```

Your Community folder path may be different — use yours.

## Step 7 — MSFS Auto-Launch (Optional)

Drop the **sgeti-hangerfm-service** folder from the Community folder in the zip into your MSFS Community folder. MSFS will trigger the service automatically when it starts.

If `START-SONGS.vbs` is already in your Windows Startup folder this step is optional.

## Step 8 — Test It

1. Reboot your PC (or double-click `START-SONGS.vbs` to start Node manually)
2. Open a browser and go to `http://[your PC's local IP]` — Hangar FM should load
3. Launch MSFS 2024
4. Open the EFB and tap the WWW Browser app icon
5. Tap an artist name — tracks load automatically and WMP starts playing
6. Use the Prev / Play-Pause / Next buttons to control playback

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## Troubleshooting

- Page won't load in EFB: Make sure `START-SONGS.vbs` has been run and Node is active. Check your PC's IP with 'ipconfig' in Command Prompt — if it changed, update `get_songs.js` and `WwwAppView.js`.
- No sound: Windows Media Player must be installed. Check Windows Features if it's missing.
- Tracks show ERROR: Check that your MP3 folder name matches exactly what's in `hangarfm.html` — including capitalization.
- UAC prompt on first run of `START-SONGS.vbs`: Click Open. Uncheck 'Always ask' to stop the prompt. After that it runs silently.
- To add a new artist: create their folder in `MP3\` and add one line to the artist list in `hangarfm.html`.