Introduction

What is Talking Flight Monitor, what can it do, history, and a broad overview of what you can expect in this guide.

- History
- An Overview of TFM's features

History

Talking Flight Monitor (TFM) began as a modest project called Flight Following, created by blind flight sim enthusiast Jason Fayre. Initially, its sole purpose was to announce the nearest city while flying. But as the community grew, so did the ambition—users began requesting more features, including access to flight instruments, lateral runway guidance, and control over the default simulator autopilot. As the project matured, developer Andy joined, bringing valuable software and web development expertise. With this new momentum, the focus shifted to supporting the PMDG aircraft in Prepar3D (P3D), which offered a robust SDK through FSUIPC. At this point, Flight Following had evolved into Talking Flight Monitor—a name reflecting its expanded scope and capabilities. TFM soon provided varying degrees of access to flight management computers (FMCs) and aircraft panels in the PMDG 737, 747, and 777 series. As the flight sim community transitioned to Microsoft Flight Simulator 2020 (MSFS), so did TFM—presenting its work at various accessibility and simulation events along the way. Then, in early 2024, TFM entered a new chapter: a full-scale rebuild that laid the groundwork for what you're using today. To ensure long-term sustainability, TFM introduced a paid subscription model and formed a voluntary taskforce to help steer its development. Work soon began on the newly released—and initially unsupported—PMDG 777 in MSFS. After over a year of development, alpha and beta testing, and community feedback, TFM now offers blind users complete access to the 777, empowering them to fly this complex aircraft entirely independently. And this is just the beginning—there's much more to come from TFM.

An Overview of TFM's features

Who Should Read This Guide?

This guide covers Talking Flight Monitor’s User Interface, Features, Keyboard commands, and how the software interfaces with the simulator.

Supplementary Learning Resources

- Video tutorials such as those found on the Talking Flight Monitor Youtube channel and aircraft specific video tutorials
- Aircraft manuals and checklists that are included with the aircraft itself
- Content published by the BVI Pilots community

Note: This guide provides an overview of TFM. For detailed aircraft-specific operating procedures, please refer to the supplementary resources mentioned above.

What is Talking Flight Monitor?

Talking Flight Monitor (TFM) is an advanced add-on for Microsoft Flight Simulator 2020 and later versions, designed to enhance the accessibility and functionality of flight simulation for print disabled Sim Pilots using the powerful capabilities of FSUIPC.

Key Features

TFM offers many features. A brief overview of these features include:

- Instrument Reading and manipulation: Comprehensive access to key flight instruments such as speed, heading, altitude, communication radios, and nav radios.
- Advanced Aircraft Integration: Flight Management Computer (FMC) interaction for complex aircraft (Current support for PMDG 777; Upcoming support for PMDG 737 and 747)
- Navigation and Location Services: Real-time aircraft location tracking, Detailed geographical information, Airport Database:, and Comprehensive airport information such as runway lengths, and gate information.
- Easy aircraft repositioning
- Precision Instrumentation: Instrument Landing System (ILS) readings, including reading and outputting aircraft position for both glide slope and localizer.