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Flight simulation video game by Microsoft StudiosNot to be confused with Microsoft Flight Simulator.2012 video gameMicrosoft FlightDeveloper(s)Microsoft Game Studios VancouverPublisher(s)Microsoft StudiosDesigner(s)Paul LangeComposer(s)Paul LipsonPlatform(s)Microsoft WindowsReleaseFebruary 29, 2012[1]Genre(s)Amateur flight simulationMode(s)Single-player, multiplayerMicrosoft Flight is an amateur flight simulation from Microsoft Studios created as a spin-off of the Microsoft Flight Simulator series.[2] The game[2] is offered "free-to-play"; charging players for downloading extra content, aircraft or scenery.[3]In July 2012, Microsoft ceased development of the game permanently to re-align its "long-term goals and development plans." The core game, which includes the Icon A5 aircraft and the Big Island of Hawaii scenery area, remained available as a free download for some time after that, but is now no longer available. It could be expanded with additional downloadable content (DLC) from the integrated Games For Windows Marketplace on Xbox-Live .[4][5][6][7][8]Microsoft closed the Xbox.com PC Marketplace on August 22, 2013. Previous items purchased are still usable, and the Flight software may still be downloadable, but no items can be acquired through the marketplace.[9]The game was officially released on February 29, 2012. Previously limited details were released about Flight, but Microsoft suggested that its realism and accuracy will appeal to flying enthusiasts, while new types of gameplay would appeal to newcomers.[10] The game is integrated with the Games for Windows Live platform, which allows players with Live accounts to join and host multiplayer sessions using a Gamertag. The introduction of Live meant that the GameSpy client would no longer be in use.[11]It introduced a new model of DLC, integrated with the Games For Windows Marketplace. All Flight add ons can be purchased and installed in-game from a central marketplace. There was no public SDK offered for Flight, with all DLC being developed by Microsoft Studios. On December 1, 2011 a beta application was set up on the website. An announcement was posted on the official Flight Facebook page (on December 13, 2011) stating that an official YouTube channel was published containing the current webisodes. It was announced on January 4, 2012, that it would be free-to-play on release in Spring 2012.[12] On February 6, 2012, it announced that Microsoft Flight would be free to download on February 29, 2012. Also it was announced the first expansion pack would be released on the same day.On July 25, 2012, Microsoft announced it had cancelled further development of Microsoft Flight, claiming that this was part of "the natural ebb and flow" of application management. Reviewers indicated that sales may have been slow due to competition from other products, such as X-Plane and that Microsoft Flight had fewer aircraft, terrain and third-party add-on options than its predecessor and was less authentic. Microsoft will continue to support the community and offer Flight as a free download.[7][8][13]After announcing the end of development, Microsoft continued to fine-tune the core of the program with a post-release beta test involving Steam users, with title update 1.1.1.30063 released on September 25, 2012. The update contained no new content, just bug fixes.[14]On August 22, 2013, Microsoft announced the closure of the Xbox PC Marketplace, removing Microsoft Flight and the ability to play it on Steam.[15]On July 3, 2014, Microsoft announced that Flight was scheduled to be grounded on October 14, 2014,[needs update] at which time the multiplayer servers were shut down. This affected online features, such as multiplayer and aerocaches; the single-player experience remained largely intact.[16]A screenshot of Flight released by Microsoft, showing the new lighting/shadowing capabilities of the engine in the aircraft virtual cockpitFlight features new aircraft, scenery and terrain, a revamped weather engine, and new gameplay elements for users of all skill levels.[11] The new weather engine renders more realistic clouds and weather effects, including fog that blends well with the surrounding terrain, which Microsoft's previous flight simulator releases, (Microsoft Flight Simulator X), were incapable of displaying. As seen in the screenshots, the most noticeable graphical improvements are the newer shader models. Part of the improvement is more realistic lighting and self shadowing on aircraft. The aircraft visual models are much improved over those of the previous flight simulator releases. Flight also features an improved missions system, (over FSX).The core game, which includes the Icon A5 aircraft and the Big Island of Hawaii scenery area, is free to download from the game's website. It can then be expanded with additional downloadable content (DLC) from the integrated Games For Windows Marketplace.ReceptionAggregate scoresAggregatorScoreGameRankings64.29%[17]Metacritic64/100[18]Review scoresPublicationScoreEurogamer6/10[19]GameSpot7/10[21]GameSpy[22]IGN5/10[20]Strategy Informer7/10[23]Shortly following release, Microsoft Flight was given a 64/100 critic score on review aggregator site Metacritic.[18]^ "Microsoft Flight Cleared for a February 29th Liftoff". Dan Stapleton. February 6, 2012. Archived from the original on March 16, 2013. Retrieved February 7, 2012.^ a b Microsoft (2012). "FAQs General". Archived from the original on November 12, 2012. Retrieved December 16, 2012.^ Eric Caoili (January 4, 2012). 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Retrieved April 9, 2012.Official website archives on Archive.orgArchived executables at Internet ArchiveRetrieved from " Using the template below will greatly help the team reproduce the issue and ease the process of fixing it. Before posting, search for an existing report. If you are not sure its a bug, please first report in User Support Hub.2 tags are required - add them in the tag section next to the title above: Feel free to delete this quote section after adding your appropriate tags. ISSUE DESCRIPTIONDescription of the issue: Unpacking has errors: restart unpacking causes it to proceed, but is not able to finish.[PC Only] Did you remove all your community mods/add-ons? If yes, are you still experiencing the issue?No mods/addons.FREQUENCY OF ISSUEHow often does this occur for you (Example: Just once, every time on sim load, intermittently)?Every time I try to install FS2024 (uninstall/install several times).REPRODUCTION STEPSPlease list clear steps you took in order to help our test team reproduce the same issue:InstallUninstall + rebootInstallYOUR SETTINGSIf the issue still occurs with no mods and add-ons, please continue to report your issue. If not, please move this post to the User Support Hub.What peripherals are you using, if relevant:[PC Only] Are you using Developer Mode or have you made any changes to it?No.[PC, MSFS 2020 Only] Are you using DX11 or DX12?[PC Only] Many issues may be due to an outdated graphics card. Please state your Graphics Card Driver Manufacturer (NVIDIA, Intel, AMD) and Version:Nvidia, 32.0.15.6614[PC Only] What other relevant PC specs can you share?Intel I9, 32 GB, RTX 4080 SuperMEDIA*Please add a screenshot or video of the issue occurring[END OF FIRST USER REPORT] For anyone who wants to contribute on this issue, Click on the button below to use this template:Do you have the same issue if you follow the OPs steps to reproduce it?Provide extra information to complete the original description of the issue:If relevant, provide additional screenshots/video: Hi all,Ive tried to install MSFS2020 Standard from the set of discs (bought from Amazon). Got an error message which after reading on the forums suggests get new discs. I contacted both Amazon and Aerosoft and both sent me new discs.Error message again, albeit further along this time, but still on disc 1.Should I just send them back for a refund and try an online download? If so, which site should I buy from and how long roughly does it take to download and install? (I understand different internet speeds will be a factor).Is this a better option all round?Any advice would be much appreciated.Thanks Can you provide a screenshot of the error you are getting? The disc version is extremely outdated. It is basically version 1.0 of the sim released in August of 2020, so even if you succeeded in installing it, you would basically have to download all of the sim content anyway to bring it up to date, so you would be better off going with the download version right from the beginning and get a refund for the discs.I suspect you have a problem with your computers DVD drive if two different sets of discs from two vendors both fail. Hi, this is what Im getting GBPartsUnkwn:Should I just send them back for a refund and try an online download? If so, which site should I buy from and how long roughly does it take to download and install? (I understand different internet speeds will be a factor).Is this a better option all round?personally i recommend the steam version. its a little more straightforward for installing addons like airports and planes but other than that theres no difference over the MS Store versionAs far as how long it takes to download, it really does depend on your internet speeds and how good your storage is. Someone with a fast NVME and a gigabit internet connection can probably knock out the initial download in about two hours assuming no issues during the download and install, not counting world updates. Less powerful systems and internet have been known to take a day or two to complete. 1 Like Id echo the bad ROM theory, if you are getting CRC errors then the data being read and the data being written do not much, meaning its a bad read/write.Given 2 sets of Media, Id suspect your ROM is bad. It COULD also be a failing HDD, but if you arent seeing any other issues, Id start with your ROM.Either send the discs back and get it via Steam (as mentioned you are going to have to re-download the entire updated SIM anyway) or get a new ROM. GBPartsUnkwn:Should I just send them back for a refund and try an online download? If so, which site should I buy from and how long roughly does it take to download and install? (I understand different internet speeds will be a factor).The download speed will depend on your ISP and the load on the Microsoft servers. Its kind of a moot point, because the disc version is so old, you would have to basically replace all of the sim content anyway. Plus, the disc version requires you to have disc 1 in your DVD drive whenever you launch it.I would recommend getting it from Steam rather than from the MS store. 1 Like I would also send back the Discs. There is no point having physical disc: you cant really play the sim offline anyway and as others already mentioned - the disc version is 1.0. you have to re download the actual sim anyway (you know there are 3 years of constant updates between the disc version and the current sim version)AND: DEFINITELY go with the STEAM version. The MS store app and all surrounding infrastructure ist quite bad and is known for making all kind of troubles, especially during updates.And it was already mentioned: the addon handling, most importantly the folder locations, are much better via steam. With the MS store version there are areas of the sim you cant access as normal user, this limitation does not exist with the steam version.[edit]: and yes, check your disc drive, it seems to be either dirty or going bad. CRC (cyclic redundancy check) errors hints that the PC cant read data without data errors from the disc. Hi there, I have the box version too.With the box version you get the license key. Try give this to the Microsoft store, which you can open in windows. If it is acceptable there, you can download the FS2020 latest version over the store.For me installing from the disks took me about 4h and you have to stay at your PC for changing the disk. Loading the installation over the Store, it will do this automatically. No matter how long it takes, have some fun with other things or do it over night.I dont know why to have disk one loaded, because the license will be check over the MS Store. Aerosoft did say its because of MS, so they cant change that. However, normally I have no dvd drive installed like many modern pc or laptops. So take disk one as image on a hard drive and start it with windows automatically as a virtual drive. That will be without problems.Good luck.RegardsRalf skypilotYTS:Id echo the bad ROM theoryAre you referring to the PC memory, RAM? No, ROM, Read Only Memory (CD / DVD ROM). GBPartsUnkwn:Any advice would be much appreciated. can redeem a code from the boxed set and install msfs via microsoft store app or xbox app. Well, everybody has an opinion so heres mine. I got MSFS from the MS store about two months after the introduction and installed on a new system I built for the sim. Very modest specs, Ryzen 3800X and 5700XT, with 32 MB memory and a 250 Mbs internet connection. Ive never had a CTD or a problem downloading. All is installed in the default locations. Just wanted you to know, despite the recommendations for Steam, some of us have had great performance from the MS store version. 1 Like NonstopOyster0:Just wanted you to know, despite the recommendations for Steam, some of us have had great performance from the MS store version.its not so much a matter of difference in performance. Theyre otherwise the exact same game. The reason why steam is recommended is because the way the MS Store installs MSFS is not the most efficient; as mentioned earlier, MS Store writes part of the game normally inaccessible to the user where as the steam version is a much more straightforward installation. This not only makes it easier to install addons but there are less reported issues when there are updates.Of course not everyone gets these issues and about half the time its an ESBKAC or ID10-T error I am currently redownloading from th ms store. I have been trying for a few days now. I have had this since it came out. I deleted it when I downloaded 2024 thinking I would need a lot of disc space. I have gotten it to install and then have a CTD everytime I hit the fly button in free flight. 2024 with all the bugs, is working great, but I can not get 2020 back on my system. I have PMDG planes I want to fly in order to make my quotas on virtual airlines I am part off. I cant do it. 2020 will not reinstall. You may fail to install MS Flight Simulator from MS-Store if the Windows of your system is outdated. Moreover, corrupt Gaming Services may also cause the issue at hand. The issue arises when a user tries to install MS Flight Simulator from the MS Store but fails to do so. The Install button is missing, nothing happens when the Install button is clicked, or sometimes an error message is shown.MS Store wont install Flight Simulator FixBefore moving on, here are the pre-requisites you should perform:Check if booting your system with bare minimums and using an ethernet cable to connect to the router solves the issue.Ensure that you are using the correct MS account (in the Store and machine) and selecting the correct device. It will be better to remove all the devices from your MS account except the device on which you want to install MS FS) to install the game.Moreover, check if clean booting your PC solves the Flight Simulator issue. Do not overlook the VPN adapter in your systems Device Manager.Furthermore, make sure your systems antivirus or firewall is not causing the FS issue. Additionally, while trying to install MS Flight Simulator, always start from the basic/standard version (not from the Deluxe edition).Update Your PCs Windows to the Latest BuiltYour PCs outdated Windows may cause incompatibility between the game and OS modules. In this context, updating the PCs Windows to the latest stable release may solve the Flight Simulator issue. If the issue started after a recent Windows update, then reverting the update may solve the problem.Click Windows, search for Check for Updates, and open the Windows update.Now, click on Check for Updates in the update window, and if some updates are available, download and install those updates (including optional updates).Check for Windows UpdatesOnce the PCs Windows is updated, check if you can install MS Flight Simulator from MS-Store.Set the Startup Type of the Xbox Services to AutomaticXbox Services are essential for the operation of the Microsoft Store and the installation of the MS Flight Simulator. If the startup type of any of the Xbox services is set to Disabled, it may cause the issue at hand, and setting the same to Automatic may solve the problem.Click Windows, key in Services, right-click on it, and select Run as Administrator.Open Services as AdministratorNow double-click on Xbox Accessory Management Service and set its Startup Type to Automatic.Set the Startup Type of Xbox Services to AutomaticThen click on the Start button (if the service is stopped) and repeat the same for the following services:Xbox Live Auth ManagerXbox Live Game SaveXbox Live Networking ServiceNow launch the Microsoft Store and check if it can install MS Flight Simulator.If not, then check if setting the Startup Type of Xbox services to Manual solves the issue.Disable Windows Auto-Tuning Through the Command PromptWindows Auto-Tuning is a Windows feature to automatically improve the performance of the applications that receive TCP data but many of the old networking equipment may not be compatible with the Windows auto-tuning feature. In this scenario, disabling the Windows Auto-Tuning feature may solve the problem.Click Windows, search for Command Prompt, right-click on its result, and select Run as Administrator.Open Command Prompt as AdministratorNow execute the following:netsh int tcp set global autotuninglevel=disabledThen close the Command Prompt window and reboot your PC.Upon reboot, launch the Microsoft Store and check if it can install MS Flight Simulator.Re-Sign into the Microsoft Store and Reset its CacheA temporary glitch of the Microsoft Store and its corrupt cache may cause the issue at hand. In this case, re-signing into the Store and resetting its cache may solve the problem.Right-click Windows and open Settings.Open the Windows SettingsNow select Accounts and check if there is a Fix Your Account Message.Open Accounts in the Windows SettingsIf so, click on the Fix Your Account button and follow the prompts to complete the process.Launch the Microsoft Store and click on the user icon (near the top right).Now click on your user account and in the resulting window, click on Sign Out.Sign Out of Your Account in the Microsoft StoreThen confirm to sign out of the Microsoft Store and restart your PC.Upon restart, re-sign into the Microsoft Store and check if the MS Flight Simulator installation issue is resolved.Click Windows and type WSReset.Then right-click on WSReset and select Run as -Administrator.Launch WSReset as AdministratorNow, wait until the Microsoft Store is launched and check if the MS Flight Simulator can be installed.You may fail to install MS Flight Simulator from MS-Store if the Gaming Services of your system are corrupt. In this scenario, repairing, resetting, or reinstalling the PCs Gaming Services may solve the problem.Right-click on Windows and in the Quick Access menu, select Task Manager.Now, in the Processes tab, check if there is more than one instance of Gaming Services.End Gaming Services Process in the Task ManagerIf so, right-click on one of the processes and select End Task.Now confirm to end the Gaming Services process.Then repeat the same till there is a single Gaming Services process running and afterward, check if you can install the MS Flight Simulator.Click Windows, key in Services, right-click on it and select Run as Administrator.Now, in the Services window, right-click on Gaming Services (if there is more than one entry, click on the first one) and select Stop.Then repeat the same for all other Gaming Services and afterward, start all the entries of the Gaming Services in the Services manager (usually, two).Start the Gaming Services in the Services ManagerNow launch MS Store and check if MS Flight Simulator can be installed without issue.Right-click Windows and select Apps & Features.Open Apps & FeaturesNow expand Gaming Services (you can search it in the search box) and click on Advanced Options.Open Advanced Options of Gaming ServicesNow click on the Terminate button to close all the processes related to Gaming Services and click on Repair.Then confirm to Repair the Gaming Services installation and once completed, check if the MS Flight Simulator installation issue is resolved.If not, open the Advanced Options of the Gaming Services in Apps & Features and click on Reset.Terminate, Repair, and Reset the Gaming ServicesNow confirm to Reset the Gaming Services to defaults and then check if the MS Flight Simulator can be installed from MS-Store.The MS Flight Simulator might fail to install if you are not signed into the Xbox app and signing in the same may solve the problem.Click Windows, type Xbox, and select the Xbox app.Open the Xbox AppThen click on your user icon (near the top right corner) and click on Sign in. If you are already signed in, click on Sign Out.Sign Out of the Xbox AppNow confirm to Sign Out of the Xbox app and then re-sign into the Xbox app.Then repeat the same for the Xbox Companion app and Xbox Game Bar. Afterward, switch to the Xbox app.Now search for the MS Flight Simulator in the Search for Games box of the Xbox app and check if you can install the game from the Xbox app.If the issue persists, then check if uninstalling the Xbox app and installing the MS Flight Simulator from the MS Store solves the issue.Bring the Virtual Disk Online in the Disk ManagementThe Microsoft Flight Simulator may fail to install from the MS Store if the virtual disk (essential for the MS Flight Simulator) in the Disk Management is offline. In this context, bringing the virtual disk online may solve the problem.Right-click on Windows and select Disk Management.Now check if there is a virtual disk (around 1GB in size) present there, if so, right-click on it and select Online.If there is no virtual disk in the Disk Management, keep the Disk Management open and launch the Microsoft Store.Now try to install the MS Flight Simulator and once you encounter the installation error, keep the Store window opened and switch to the Disk Management window.Now right-click on the virtual disk (if present) and select Online.Then switch to the Store window and check if you can install the MS Flight Simulator.Delete the Gaming Services Keys in the PCs RegistryIf the issue persists even after trying the above solutions, then you may delete the Gaming Services keys in the systems registry to solve the MS Flight Simulator issue. Before proceeding, make sure you have backed up the PCs registry.Warning:Move forward at your own risk as editing the PCs registry (if not done properly) may expose your system/data to threats.Click Windows, type RegEdit, right-click on it, and select Run as Administrator.Open Registry Editor as AdministratorNow, navigate to the following path:Computer\HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\GamingServicesNow, in the left pane, right-click on Gaming Services and select Delete.Then steer to the following Gaming Services Net key and delete it:Computer\HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\GamingServicesNetDelete Gaming Services and Gaming Services Net Registry KeysNow close the editor and restart your PC.Upon restart, launch a web browser and steer to the following Gaming Services page of the Microsoft Store: click on the Get button and in the prompt shown, select Open Microsoft Store.Open Microsoft Store Page of Gaming Services Through the BrowserThen click on the Install (or Install on My Devices) button and let the Gaming Services install.Install Gaming Services from the Microsoft StoreNow check if the MS Flight Simulator can be installed without any issue.If that did not work, then check if renaming the following folder (or deleting it after backing it up) solves the problem:%localappdata%\Packages\Microsoft.FlightSimulator_8wekyb3d8bbweReinstall the Gaming Services Through the PowerShellIf repairing or resetting the Gaming Services did not work for you, then you may have to reinstall the Gaming Services through PowerShell. But before moving on, make sure to create a system restore point (just in case, you fail to reinstall the Gaming Services).Firstly, reset the Stores cache as discussed in the above solutions.Then right-click on Windows and select Run.Open the Run Command Box from the Quick Access MenuNow execute the following:tempOpen the Temp FolderThen delete all the files in the directory (ignore if some files cannot be deleted).Delete the files in the Temp FolderNow execute the following in the Run box:%temp%Open the Percent temp FolderThen delete all the files in the directory (ignore if some files cannot be deleted).Delete the Files in the Percent Temp FolderNow right-click on Windows and select PowerShell (Admin).Then, in the PowerShell, execute the following cmdlets one by one:Get-AppxPackage *gamingservices* -allusers | remove-appxpackage -allusersRemove-Item -Path "HKLM:\System\CurrentControlSet\Services\GamingServices" -recurseRemove-Item -Path "HKLM:\System\CurrentControlSet\Services\GamingServicesNet" -recurseNow execute the following to launch the Gaming Services page of the Windows Store:start ms-windows-store://pdp/?productid=9MWPM2CQNLHNUninstall Gaming Services and Launch the Microsoft Stores Page of Gaming ServicesThen install the Gaming Services from the MS Store and afterward, check if MS Store can install Microsoft Flight Simulator.Perform an In-Place Upgrade of Your PCs WindowsIf nothing has done the trick for you, then you may have to perform an In-Place Upgrade of your PCs Windows to solve the MS Flight Simulator issue. But before moving on, make sure to create a systems restore point (just in case).Launch a web browser and steer to the Windows 10 download page.Now click on Update Now (under latest Update Assistant, currently, Windows 10 May 2021 Update) and let the download complete.Download Windows 10 Update AssistantThen launch the latest update assistant as administrator and follow the prompts to complete the update process.Once updated, check if the MS Flight Simulators installation error is cleared.If not, then again navigate to the Windows 10 download page, scroll down, and click on Download Tool Now (under Create Windows 10 Installation Media).Download Media Creation Tool NowThen launch the downloaded file as administrator and select Upgrade This PC Now.Now follow the prompts to upgrade the PCs Windows. But during this process, make sure to select Keep Windows Settings, Personal Files, and Apps.Keep Windows Settings, Personal Files, and AppsOnce upgraded, check if you can install MS Flight Simulator without any issue.If the issue persists, check if using a new Windows user account (and linking it to your MS account) lets you install the Flight Simulator. If that did not work, you may have to reset your PC to the defaults (make sure to select Keep Files and Apps) or perform a clean installation of the window to solve the MS Flight Simulator installation error. Hello John! First off, let me say I empathize with your frustration regarding MSFS2020 installation troubles. I've been around the block with flight simulators and understand the complexities involved. Let's delve into your issue and try to sort it out.Understanding the ErrorThe "feature transfer error" and "data error (cyclic redundancy check)" you're encountering are usually indicative of problems related to the physical media (in your case, the disk) or the data transfer process itself. A Cyclic Redundancy Check (CRC) error typically suggests that there's some corruption in the data being read from the disk.Troubleshooting Steps Check Disk for Physical Damage: Inspect your disk for scratches or dirt. Sometimes, even minor physical imperfections can lead to read errors. If the disk looks damaged, consider getting a replacement. Try a Different Drive: If possible, try installing the game using a different DVD drive. This helps determine if the issue is with the drive or the disk. Copy Data to Hard Drive: Attempt to copy the contents of the disk to a folder on your hard drive and then run the installer from there. This can sometimes bypass issues related to disk reading. Check Hard Drive Health: Since you've also tried installing on a different drive, ensure that your hard drives are in good health. Tools like CHKDSK can be used to scan and fix hard drive errors. Update Drivers: Ensure your DVD drive's drivers are up-to-date. Outdated drivers might lead to compatibility issues with newer software. Close Background Applications: Ensure no other applications are running that could interfere with the installation process. This includes antivirus software, which can occasionally cause issues. Run as Administrator: Try running the installer as an administrator, as this can resolve permission-related issues.Additional Considerations If all else fails, you might want to consider a digital download version of MSFS2020. This would bypass potential disk-related issues. Keep in mind that MSFS2020 is a resource-intensive program. Ensure your system meets the required specifications for optimal performance.Lastly, while your issue is specific to MSFS2020, similar installation problems can occur with other platforms like X-Plane 12, especially when using physical media. The general troubleshooting steps remain relevant across different simulators.Do let me know if any of these steps work for you or if you need further assistance. It's always a pleasure to help a fellow simulation enthusiast.Remember, perseverance is key in resolving technical issues. Keep at it, and I'm confident you'll be back to enjoying MSFS2020 in no time. 6 months ago the sim crashed on me in the middle of a flight. No big deal, that happened from time to time. However, this time, it wouldnt start again. I decided to uninstall the game entirely and start over. Well Ive been trying for the last 6 months to accomplish that, never to make it through the installer. Until yesterday. I have read every thread, done everything in my power, refreshed the whole PC, done literally EVERYTHING to no avail. Yesterday I tried something that revealed the problem, a solution I REALLY hope helps others out there AND helps Asobo/Microsoft help others and / or reconfigure their software and/or offer better support on the issue.The problem: install manager would begin updating / downloading, but become stuck decompressing (a different file every time)Things I tried: every single thing suggested by zendesk, I tried net limiter, changing folders, pc reset, no firewalls, I mean seriously, a different possible solution every other day for 6 months. I wont even bother trying to list everything I tried.My configuration: Steam deluxe edition. LAN direct to router. Ryzen 9 3900x, GTX2070 Super, 32GB DDR43200, 1TB Nvme, MSI x570 gaming plus mobo, windows 10, every single driver and BIOS fully updated, no overclocking.The solution: I dont know why I thought of this, but yesterday I ran microsoft memory diagnostic tool. The memory test failed. I pulled one of my DIMMs, re-ran the test, it failed again. Swapped the DIMMs, (running one of my 16GB DIMMs), the test passed with no problems. I immediately restarted the SIM, began downloading to a new folder from the beginning, (at full download speed with no netlimiter, download was stable around 14mbps) and voila! 10 hours later, the game is fully downloaded and installed.Analysis: obviously I had a bad memory card. Im not a super computer whiz, but logic tells me the card was losing or corrupting data while decompressing large files causing the hang up. The interesting thing is, I use a ton of other large and complex software on my PC and never had any issues, including powerful rendering software. The hardware issue only seemed to present itself with Microsoft flight simulator. I still think this is something they need to look into for this reason, the files that are being decompressed are quite large. The installer should detect and suggest there has been a failure, and this should DEFINITELY be something they suggest when troubleshooting with someone having the same problem.I never would have thought I had a hardware problem, but I was at my wits end and was willing to try anything. The SIM is back up and running 100% today and I have a memory card on its way to GSkill for warranty replacement.I hope so so so much this helps someone out there get past this problem. Good luck!! I thought its worth sharing my experience, learnings and solutions regarding crashes, CTDs, Decompressionstuck, Installationloop and other problems in our favorite #MSFS, and what helped me to finally get back into the simulator.I simply wished to have this kind of information to save myself some nerves when I was in the situation, so hopefully it can be useful for someone as well.A d isclaimer: I did not invent anything new, it is just a summary of what I found and tried, big thanks to those of you for many good advice and patience found on threads and different forums.Skip the chapters below and go to Solutions , in case you are not interested in background of my story.Purchase and first installationI bought the game first on Steam and from the second minute the installer welcomed me with continuous crashes and during the next few hours, that time little I knew about installation specificsof this game and blaming Steam servers I claimed a refund. Surprisingly it was successfully approved, in spite of I had around 5 hours of playtimewhich were just installation trials in reality.I got my money back and purchased Deluxe edition on XBOX application.XBOX version went way more smooth, nevertheless it took 2 full days for my first installation, and finally I got into the Main screen and started to enjoy the small gift for Thanksgiving to myself.Problem startsBeing blown away by the simulator opportunities, as a beginner I went crazy trying all given game options, including in-built store, I purchased few ad-dons and one extra plane from a well-known title, of course I installed FBW, did missions, trainings, landing and also free simulated flights. Happy first week evenings, no more to say.There were few crashes (but this happens with other games too, right?), and re-starting the sim worked fine, until the next Saturday, when I planned to spend good few day hours in the sim it just started to crash terribly - at first minutes of the flight/mission, from the menu and finally during loading up. Not possible to play at all.My first reaction was to uninstall latest addons, which did not really help, then I jumped into reducing graphic settings, which helped neither.So, on the 5th day the game became completely unplayable, and totally ruined my weekend plans.I continued adjusting settings, trying to limit Rolling cache, and then I started to google deeply and found out what I am facing is NOT somewhat UNIQUE hapenning only to me. After 2 days of trying revive the not-starting-game, I decided to go for clean re-installation. Besides, to be even more sure I decided to switch from W10 to W11 same time.It took couple of days to fix W11 installation issue as well, until I found out that ASUS Armory driver needs to be uninstalled first (but thats another story), then Windows was finally reinstalled and I put the MSFS installer on.Second and Third Installation, Problems and Ways to fixTo cut it short, the next installation trials went full 3 weeks. Every morning I turned on my computer, and till the evening, working, eating, sleeping, trying to live in parallel, I attempted to install the game. Command prompt, a Task manager, Event viewer, Windows Settings and other system components became constantly open applications on my desktop.You know that even boot intro up takes around 2 minutes, so each trial really tested my nerve system and ability to stay calm, which is my naturally personal ability, but, Microsoft, you did your best to challenge me.The only thing, which helped me to stay sane that I knew - I am not alone, many others faced the same issues and somehow fixed them, and also there are many thousands of players around the world, including streamers, who enjoy the game (more or less) without interruptions, so it is not that the game is completely unplayable, it is more that I need to find the right fix.The first issue I faced were CTDs during installation. Of course, I looked for the solution whatever I could find on the internet, so I did everything I could find: (the list is not full, as I dont remember everything, of course):Clean install of Microsoft store, Xbox, Gaming servicesCheck and install latest Windows update, even optionalSynchronise clockCheck regional settings and language packUpdate graphic driversCheck system healthWindows elements checkCheck RAMDisconnect unnecessary USB devicesAntivirus turn off and uninstall finally, MS firewall turned offPut default BIOS setting, no overclockingI even swapped RAM memory physically on the MTBReboot into safe modeTurning off Windows download auto-tune modeUsing NetLimiterContinuous restarting of the PC between each stepsand so onFinally I managed to fix crashes during installation, and the things which helped most, based on my observations, were:Installing latest graphic drivers (even if 1 day old)Turning off Pv6 internet protocolEverything else from above list had been already done before, so I cannot say 100% it did work or not, but the biggest effect I saw after I fixed the two things above, so I consider them a Must to do.I still faced crashes, like 2-5 during whole installation, so namely once per 2-4 hours maybe, but not like each 5 minutes as before, which was already a huge relief.The second big issue during installation was being stuck at decompression and download loop, so finally had to re-install whole Windows again, dedicated special partition for the game and tried to install it on vanilla system state - just minimum drivers and Xbox components.But the decompression issue continued at the third installation too, so I realized something more to be fixed, until I started to look carefully what actually happens during the installation and where the problem was.Here we come to my observations and after understanding the installation logic, I managed to diagnose and help the installation to finish.Installation process and how to understand itAll below is my personal observations and conclusions, as well as I am not a developer in any sank, so I do not pretend to be 100% right, but hopefully it wil be useful on this level.Below I am talking about the bigger part of installation meaning when the game downloads its assets, not the first 2Gb of installer.So, the whole installation consists of 2 stages - downloading and decompressing of what has been downloaded, the confusing part is that the installer bar does not represent full process all the time, same as total volumeForget about the bar and the download size to the right, the goal is that the second number in the square brackets at the left corner of the bar reduce to finally 0, meaning every package what is needed was installed.Now how to monitor the progress in reality:The main activity happens in folder Official/OneStore/so you need to observe what is happening in this folder, to understand at which stage you are and also act in this folder based on instructions below.I will not explain how to find it, frankly speaking the game creates few folders with same name, especially if you choose to install not on default C: drive, but this is the folder inside the MSFS simulator path, which you designate for the installer.So, what is happening in this folder:The installer donwloads files, names .fspackage and .fspatch which then are decompressed (unzipped) into folders. Few package files can comprise into one folder then.Sub-folder (you need to check show hidden folders to see it) .fscontent contains names of all packages which has not been installed yet.Each time you start the installer checks the content and if there is a missing content and creates a shortcut in this folder if it is missing.So, in the beginning this folder contains all 500+ shortcuts which then reduce to 0 as soon as installation is done.The number of files in this folder matches the second number which remains to be decompressed above the installer bar.Downloading process should finish first, but sometimes decompression also goes together with downloading, so the bar is not always reflects reality. Observe the status in square brackets.[qtty of packages in this installation try / remaining to be done], as close the second number to 0, closer you are to enjoy the game play. Downloading usually goes smooth, if you managed to fix crashes, it can go with speed range from 2Mbit/sec to 80 Mbit/sec and maybe higher depending on your network properties. But the limitation is also coming from senders servers, so it goes up and down.Decompressing is more complicated to diagnose. Usually the installer shows decompressing filename, but the bar continues to progress. It most probably means that the same time it tries to decompress a file, and downloads some new package.Good way to check if something is processing in the OneStore folder - is to check its size via folder Properties. Do it few times in a minute and you can say if the download/decompression continues or it is already stuck.If the size change, you can let it go downloading, unless it is fs-base file, *below I explain why.But if the name of decompressed file is not changing as well as folder size - it is time to act!You need to find the file which was stuck under decompression with exact same name (all x.x.x. matter)Find and check it as ZIP archive, I used free 7zip utilite for this. 99% that this package file will contain errors:Or 0 size content:Both mean that basically the package file is currupted and thats why cannot be decompressed.Action: stop installer, delete this file and restart installer.Observe in folder that the installer redownloads this package file and then timely will decompress it again and most probably sucessfully, so the package file will convert into folder, and you get -1 in total count Congrats, you are one step closer to installation finish, but you need to do it with all corrupted package files, and sometimes there are many of them, so you need to fix it for all.To save time, you can try checking the package file and check as many as possible without starting the installer.Using 7Zip tool you can check them one by one, and the package file which show no errors, will be decompressed easily. So, it should look like that:*There is a difference in logic how fs-base packages and all other packages (like planes or airports) download and decompress, which creates confusion and download loop.If the decompression is stuck at every other package, the instruction above works, but if you have decompression stuck at fs-base package , you delete the one which has issues, instead of downloading only this one and then decompress it, the installer tries to re-download ALL fs-base packages again (which is around 70Gb). Do not let it and save your time.My advice: as soon as you get one FS-base package downloaded - check it with 7Zip and if it is fine, make a copy to a separate folder. Thus you will create a folder with library of all 66 perfectly fine packages, you know it.Then in spite of in which file the error occurs, you can always stop the installer, delete the corrupted file and fulfil the main folder with ready 66 good fs-base package files.Then decompression will have no issues with that! Bam!!Solutions summaryReduce quantity of crashes during installation to possible minimum, even if not completely (e.g. once per few hours, not once per 10 minutes).Let the installer download as much as possible packages.When decompression stage starts, observe and if the decompression is stuck, verify it is actually stuck that the size of the folder does not change, then find the .fspackage or .fspatch with the stated name and check it with zip tool, - if you see errors or 0 size, do not hesitate to delete it.Restart installation, it will automatically re-download the same package.When you come to fs-base packages, be careful, as the installer tends to re-download all 66 packages (1GB each!) even if you have them in folder already. Make a copy of good (7Zip utility shows no errors!) 66 fs-packages in separate folder, as soon as you have them downloaded, and if you see the installer starts to re-download them again after decompression stuck, just stop it, delete .part file and fulfill the main folder so it contains all 66 fs-base packages which you already know are perfectly fine, then it will decompress all of them with no probl