



VRWorkout is the best-case dual-use platform for USAF physical assessment, offering novel automation, commercialization, and recruitment/retention capabilities.

Its game mechanics—unlike other virtual reality fitness apps—employ full body tracking through computer vision, allowing for completely controllerless gameplay and exhaustive full-body data capture. This means that the user can reasonably perform all of the components of Form 4446 (Strength, Endurance & Cardio), and user performance for each component can be automatically tracked for immediate, in-the-moment assessment. This eliminates the need for a test administrator or even a gym in which to conduct the assessment itself.

Using the headset, the user can initiate and complete the assessment whenever and wherever they choose. The full-body tracking will not only maintain but extend the integrity of the test by eliminating human error or bias in the form of an administrator. Plus, VRWorkout's compatibility with peripheral devices provides the opportunity for biometric assessments when paired with sensors for things like EKG, EMG, EEG, etc.

In tandem, the marketing team at VRWorkout will be able to commercialize the platform using its USAF approval as a unique selling point. The key is that VRWorkout won't be "just another fitness app" that will need to compete with the other apps on the market. VRWorkout will be a VR fitness mechanical framework on which new games can be built, thereby presenting a completely untapped B2B market of VR fitness quality control. We simply license the mechanics to game developers, at which point they can build the storylines and aesthetics on top of it, knowing that the physical conditioning presented in VRWorkout is top of the line.

Going further, the top performers in the games that license the VRWorkout platform can be automatically considered viable recruits for the USAF, because, through the gameplay, they've actually passed the 4446 assessment. These same games will also be optimal for reservist retention because they can keep USAF reserves fit while allowing for an experiential separation from active service.

Finally, in using the USAF as a pilot program, VRWorkout can very easily customize the platform for the Marines PFT, the Army ACFT, the Coast Guard PFT, and the Navy IFA, respectively. For each program, the same level of automation, commercial viability, and recruitment/retention will apply. What we'll then have is a centralized data collection platform for all physical fitness assessment programs in the US Military. Through machine learning, we can identify similarities between these assessments, which could eventually lead to the creation of a single physical fitness assessment platform that can serve each of these branches of the military individually. This unification would allow for more interoperability, iteration, and innovation for the US Military as a whole.