Helping pilots master aviation radio communication with app-based interactive simulator
About PlaneEnglish

Founded in 2018, PlaneEnglish was created by pilots, for pilots.

The Aviation Radio Simulator focuses exclusively on aviation radio communications and provides accessible, efficient, and realistic training in an interactive environment.

The simulator teaches new pilots aviation phraseology, radio procedures, and enables them to build critical muscle memory thereby expanding the learning opportunities...beyond the classroom and outside of the cockpit.
Founders

Muharrem Mane, a Purdue University alumnus from the School of Aeronautics and Astronautics, and Eren Hadimioglu, a Purdue University alumnus from the School of Aviation and Transportation Technology, who created and developed PlaneEnglish.
Features

The PlaneEnglish Aviation Radio Simulator was created to:

- Provide an affordable interactive opportunity for pilots to learn and master aviation radio communication
- Enable pilots to gain the confidence to overcome the fear and trepidation of talking to Air Traffic Control
- Teach critical safety skills in an accessible and effective way

Figure: List of phase of flight and radio proficiency level obtained up to date
Additional Features

PlaneEnglish teaches aviation radio proficiency by:

- Focusing on aviation phraseology and radiotelephony for Visual Flight Rules (VFR) and Instrument Flight Rules (IFR).

- Providing real-time feedback on speech accuracy, rate, fillers, and verbosity.

- Reinforcing radio procedures and phraseology by repetition and variability.

Users can try a 7-day free trial and subscribe for as low as $4.99 per month with an annual subscription.

Figure: Example of an approach lesson, where user must use information on screen to talk to ATC
Media Assets

PlaneEnglish logo

More information
Social media: @PlaneEnglishSIM (Twitter and Facebook)
Press Release

PLANEENGLISH AIMS TO HELP PILOTS WITH NEW APP-BASED SIMULATOR

FOR IMMEDIATE RELEASE

West Lafayette, IN—PlaneEnglish, the premier Aviation Radio Simulator, has released the much-anticipated IFR module. This development will allow users to learn and practice their aviation radio skills with a training tool that ensures that every interaction with Air Traffic Control meets aviation industry standards.

“We’re very pleased to deliver the IFR module of the PlaneEnglish Aviation Radio Simulator,” said Muharrem Mane, President of PlaneEnglish. “We’re committed to making air travel safer by helping pilots at all experience levels improve their communication skills. We’ve created the most complete aviation radio simulator anywhere and now covers most flying scenarios encountered by pilots.”

PlaneEnglish provide the only Aviation Radio Simulator:

- Over 80 airports and hundreds of randomized scenarios
- 100% app-based; no internet connection required
- Interactive experience in all phases of flight
- Immediate feedback with phraseology corrections and radio proficiency scoring

From novice pilots to experienced masters, every pilot can use PlaneEnglish to improve and perfect their radio communication skills. Better radio skills make for safer skies; from outside the cockpit, PlaneEnglish helps users to communicate from the cockpit better.

“Now I can tell my students, don’t buy a $300 transceiver to just listen to other pilots talk to ATC ...practice talking on the radio yourself, with PlaneEnglish!” - Flight Instructor

The PlaneEnglish Aviation Radio Simulator is a solution to the lack of comprehensive, interactive, and outside of the cockpit training experience for acquiring radio communication skills. Informed and guided by the FAA and ICAO English radiotelephony standards, phraseology, and procedures, new pilots can gain critical skills in an accessible and affordable way. Calibrated using the ICAO proficiency levels, PlaneEnglish can also assess pilot radio proficiency and improve their skills.

PlaneEnglish is available at the Google Play Store or Apple’s Appstore.

Source: Muharrem Mane, muharrem@PlaneEnglish.net

For more information, visit https://PlaneEnglishSIM.com
Additional Screenshots

Figure: Instantaneous feedback on phraseology and pronunciation presented to user after clearance request or readback.

Figure: FLY mode, where user can select origin and destination airports and experience route communications.

Figure: Radio proficiency score based on speech accuracy, rate, and speech fillers is presented to user at the end of each lesson.

Figure: User can gain experience listening to Air Traffic Control give instructions and clearances.
CONTACT

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PlaneEnglish

https://PlaneEnglishSIM.com


PLANEENGLISH AIMS TO HELP PILOTS WITH NEW APP-BASED SIMULATOR

- The PlaneEnglish Aviation Radio Simulator is dedicated exclusively to aviation radiotelephony and allows pilots to acquire and master critical aviation communication skills on the go and affordably
- Pilots can practice in an interactive environment, outside of the cockpit, in realistic situations, and receive immediate feedback
- The ability to build the critical “muscle memory” of radio communication gives pilots the confidence to overcome the fear and trepidation of talking to Air Traffic Control
- Aviation communications supported by PlaneEnglish cover VFR and IFR comms, with over 150 lesson and 80+ airports
- The Aviation Radio Simulator is available for download on Android and iOS, with a 7-day free trial to experience what we offer

West Lafayette, IN—PlaneEnglish is a new app-based aviation radio communication simulator. The Aviation Radio Simulator was created to provide an affordable opportunity for pilots to learn and master aviation radio communication and gain the confidence to overcome the fear and trepidation of talking to Air Traffic Control. Guided by the Federal Aviation Administration (FAA) and International Civil Aviation Organization (ICAO) English language standards, phraseology and radiotelephony procedures, new pilots can gain critical safety skills in an accessible and effective way.

PlaneEnglish focuses on training pilots in aviation terminology and radiotelephony for Visual Flight Rules (VFR) and Instrument Flight Rules (IFR). PlaneEnglish has more than 130 lessons and over 80 airports in the US.

Product features of the PlaneEnglish app includes lessons to help pilots:
1. Learn on the go
   - App-based
   - No internet connection required to run the app
2. Practice in realistic environments
   - More than 80 airports in the app
   - Hundreds of scenarios
   - All phases of VFR and IFR flight
3. Acquire practical skills
   - Aviation terminology
   - Communication procedures
   - Radiotelephony
4. Receive immediate feedback
   - Terminology corrections
   - Speech rate analysis
   - Radio proficiency scoring
About PlaneEnglish
Founded in 2018, PlaneEnglish was created by pilots, for pilots. As pilots that have gone through the pain of acquiring this critical skill ourselves, we created PlaneEnglish – the app-based aviation radio simulator – as a solution to the lack of hands-on, in-flight experience for becoming radio proficient. Informed and guided by the FAA and ICAO English standards, phraseology, and radiotelephony procedures, new pilots can gain the critical communication “muscle memory” outside of the cockpit and the classroom...all in an accessible, affordable, and effective way.

PlaneEnglish founders include: Muharrem Mane, a Purdue University alumnus from School of Aeronautics and Astronautics, Eren Hadimioglu, a Purdue University alumnus from School of Aviation and Transportation Technology, and Sam Dickson, a Purdue University alumnus for the College of Computer Science.

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