

Communication requirements. CASR 135 MOS para 11.08

This paragraph requires that a VFR aircraft engaged in air transport operations must have the ability to communicate with ATS at all stages of the flight. That includes on the ground.

It must have at least one VHF radio and, if that will not permit continuous communication at all stages of the flight, it must also have a second radio that is capable of communicating beyond VHF range. For normal operations, an HF radio would meet that requirement.

Note that, even though a VFR air transport flight can operate on a SARTIME or FLIGHT NOTE basis, it still needs to be *CAPABLE* of communicating at all stages of the flight. So, if you are operating beyond VHF range, you need an HF radio in your aircraft to allow you to communicate with FLIGHT WATCH. Let's consider an air transport flight planning to land at Quilpie.

Locate Quilpie on the PCA chart and check ERSA for Quilpie. You will find that ATS (Brisbane Centre which uses only VHF) is available at Quilpie on a frequency of 118.8MHZ. However, there is no reception if you are below 7000ft. To meet the requirement above, you would need to be capable of communicating on one of the HF frequencies indicated on the PCA chart- 3452KHZ, 6610KHZ or 8831KHZ.

Note that 6610KHZ is 6.61MHZ. That's a much lower frequency than VHF.

