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**AIR NAVIGATION SERVICES  
COMMUNICATION  
FREQUENCY ALLOCATION WITHIN THE VHF BAND**

This AIC replaces AIC 41.5 dated 15-04-1996

1. Air traffic movements and the air traffic services within Namibia and adjacent territories are continually increasing and the need for VHF communication channels is consequently increasing. This is aggravated by the higher operating altitudes of modern aircraft as a result of which the minimum distance between ground stations operating on the same VHF channel must be increased if air-to-air interference is to be avoided.
2. The time is rapidly approaching when it will not be possible to allocate frequencies for all services and at the same time accommodate the limited frequency coverage of certain aircraft i.e. 118.0 MHz to 126.9 MHz.
3. All the 50 kHz channels in the national allotment sub-band 122 MHz to 123.6 MHz have already been assigned to various private ground stations. While further sharing of these frequencies is possible the time is rapidly approaching when it will no longer be possible to assign private ground stations 50 kHz channels.
4. To ensure a safe, orderly and expeditious flow of air traffic there appears to be no alternative to making it mandatory for all aircraft operating in a given controlled or advisory airspace to be equipped with radio communication equipment capable of transmitting and receiving on all the VHF channels allocated to such airspace.
5. In view of the above aircraft operating in controlled or advisory airspace must be equipped with VHF radio capable of operating on any 50 kHz channel in the band 118 MHz to 136 MHz.
6. Aircraft owners or operators who operate into military bases must carry equipment capable of operating on any 50 kHz channel in the band 118 MHz to 136 MHz.
7. Municipalities, flying clubs and other private ground station operators are hereby advised that frequencies for new applications may be assigned on any 25 kHz channel in the sub-bands 122 MHz to 123.6 MHz and 129.7 MHz to 130.8 MHz.

8. Users of equipment capable of 100 kHz selection only should be aware that 50 kHz channel spacing excludes adjacent channel interference protection for such equipment. Interference caused by proximity to aircraft and ground stations operating on adjacent 50 kHz channels can therefore be expected.