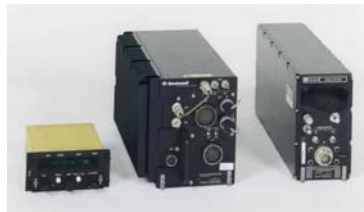


HF-9000F

Digital Airborne Communication System

Ruggedized variant of the ARC-217 provides exceptional vibration and shock tolerance in a lightweight, compact system



HF-9012F

HF-9087F

HF-9041F

Rockwell Collins HF-9000F Airborne HF Radio is the choice for the demanding environment of tactical fighters and other platforms requiring full MIL-STD-461D and MIL-STD-704A compliance



Features

- MIL-STD-188-141B AUTOMATIC LINK ESTABLISHMENT**
 Users cannot afford missed/garbled communications or can they be burdened with the complexity of finding the right frequency. ALE allows the HF-9000 D/F system to tune to the optimal frequency to provide the best available voice/data channel.
- SELCAL**
 Customers can no longer afford to dedicate valuable aircrew time to monitoring radio frequencies for incoming transmissions. They need an automated alert function to notify them when an incoming transmission occurs. The HF 9000 D/F's embedded ARINC 714-6 SELCAL capability allows aircrews to be notified when other sites are transmitting to them.
- INTERNAL MODEM**
 Robust data communication is critical for today's applications. The HF-9000 D/F provides internal modem waveforms with data rates up to 19,200 bits per second per MIL-STD-188-110B Appendix F.

Specifications

- | | |
|--|---|
| <ul style="list-style-type: none"> 200 W PEP, 100 W average, operator selectable for 50 10 W PEP and average | <ul style="list-style-type: none"> Manual, RS-232 and MIL-STD-1553B control |
| <ul style="list-style-type: none"> 2.0000 to 29.9999 MHz frequency range | <ul style="list-style-type: none"> Embedded MIL-STD-188-141B automatic link establishment (ALE) with link protection |
| <ul style="list-style-type: none"> Operates in USB/LSB/AME voice or USB/LSB/ISB data and continuous wave (CW) | <ul style="list-style-type: none"> Specification Temperature: -40° C to +71° C; HF 9012F Control -40° C to +55° C |

Equipment list

- | | |
|---|--|
| <ul style="list-style-type: none"> HF Receiver/Transmitter & Mount | <ul style="list-style-type: none"> Connector Kits |
| <ul style="list-style-type: none"> HF Antenna Coupler & Mount | <ul style="list-style-type: none"> Feedline Adapter |
| <ul style="list-style-type: none"> HF Control & Mount | |

Current HF-9000F platforms

International F-16 and F-15