

Aeronautics Application Note – Moving Aircraft / MRO

IDENTIFIED NEEDS

Moving aircraft for MRO operations requires seamless coordination between all team members despite noisy environments...

Walkie-Talkies cannot offer the type of natural communication necessary, since they do not allow a teammate to intervene and signal a problem while someone else is talking. Walkie-talkies also require a button to be pressed, so a true hands-free mode is not



SOLUTION: All-In-One Noise Protection + Hands-Free Radio

APPI-CovR solves these issues by offering both noise protection (31 dB) AND wireless **communication** in Hands-Free **conference mode** - no network needed. Moving and testing planes in a safe way becomes possible thanks to a Long Range (>2mi) and High Penetration (walls) radio technology. **APPI-CovR** can also connect to a smartphone so remote correspondents can communicate with the team.



ADVANTAGES: PROTECTION AND COMMUNICATION → Safety AND Efficiency

- Full-duplex radio: conference **mode, hands free**
- Digitally Coded, Free Bands (no license), **no network** needed
- No base, No Master terminal (APPI int'l Patent)
- Long Range (2mi LOS), Strong penetration (thick walls)
- Unlimited group size, 32 channels
- Smartphone connection: make/receive/share calls
- Noise Protection : **31dB isolation**
- Battery life 28 h, Charging via USB – Ingress Protection 55



SPECIFICATIONS

Batteries: Li-Poly 3.7v – Battery life 28 to 30h – Charging 8 to 9h (USB)

Dimensions (L x W x H): 200×180×110 mm - Weight: 450g sans IsoSkin (16Oz) – IP55

Emission Power (902-928MHz FCC): 500mW - FCC version DAS/SAR: 0.59W/kg