

Raytheon

Customer Success Is Our Mission

MISSION:

A WORLD OF INNOVATION



ARC-231 USG & Raytheon

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Integrated Communications Systems

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AN/ARC-231 SkyFire Multi-Band Multi-Mission Airborne Radio

Raytheon
Space and Airborne Systems

Sustaining Communications Excellence

- SATCOM Communications Standard for Army Aviation (10+ years)
- Over 10K systems deployed throughout DOD and around the world
- Consistent, reliable performance under harsh environmental conditions

Characteristics

- AM/FM/ ATC/SATCOM/SINGGARS / HQ capability (Voice & Data)
- 30-512 MHz with 5/8.33/25 KHz tuning
- 10W AM/20W FM Transmit Power with external 125W SATCOM High Power Amp
- 1553 or Serial control interface



Product Transition

- Government / Industry partnering has resulted in mutually shared risk and reward throughout the product qualification phase
- Military use of Commercial Communications best practice
- Common Interface standards providing backward compatibility to minimize platform integration and user training cost

Technical

- RT-1987 Mobile User Objective System SATCOM/Cryptographic Modernization Upgrade (MUOS/CM)

ARC-231 WAVEFORM CAPABILITIES

WAVEFORM	RT-1808A (MARS)	RT-1987 (CM/MUOS)
UVLOS	✓	✓
SINGGARS	✓	✓
HAVEQUICK I	✓	✓
HAVEQUICK II	✓	✓
ATC (8.33 KHz)	✓	✓
MARITIME	✓	✓
LAND MOBILE RADIO	✓	✓
UHF SATCOM	✓	✓
DAMA	✓	✓
DAMA IW	✓	✓
MUOS	NA	✓
TSCVIS 2.1	NA	✓
APCO 25, TETRA	NA	✓P3I
SRW	NA	✓P3I
NMW	NA	✓P3I
JPALS	NA	✓P3I
Saturn	NA	✓P3I
CIB	NA	✓P3I



Government and Industry Partnering to Fulfill Mission CONOPS and Sustainability