

**Collins Aerospace AN/ARC-210 (RT-1939A)
With the AM-7642/ARC High Power Amplifier (HPA)
And the MX-12366 Diplexer System**

-182A, -181B, -181C, -183, and -183B
Assessment 2020-4TB03-21894
12/01/2020

SYSTEM CONFIGURATION

Collins Aerospace AN/ARC-210 (RT-1939A) with MUOS AM-7642 and MX-12366 System

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| Receiver Transmitter Radio | RT-1939A(C)/ARC |
| Baseline Part Number | 811-8529-007 |
| Bootcode Part Number | 811-8531-007 |
| Baseline Application Part Numbers Type6 | |
| Application Manager | 811-1399-007 |
| Fixed Frequency | 811-1400-007 |
| Fixed Frequency 188-220 | 811-1437-007 |
| Have Quick | 811-1401-007 |
| Have Quick 188-220 | 811-1438-007 |
| Single Channel Ground and Airborne Radio System (SINCGARS) | 811-1402-007 |
| SINCGARS 188-220 | 811-1439-007 |
| Initiated Built-In Test (IBIT) | 811-1403-007 |
| Bandwidth Efficient Advanced Modulation (BEAM) | |
| Line of Sight Technology (BLT) | 811-1404-007 |
| SINCGARS Enhanced System Improvement Program (ESIP) | 811-1405-007 |
| Second Generation Anti-Jam Tactical UHF Radio for | |
| North Atlantic Treaty Organization (NATO) (SATURN) | 811-1406-007 |
| LINK4A | 811-1407-007 |
| Dedicated Frequency Shift Keying (FSK) | 811-1408-007 |
| Dedicated 188-181 | 811-1409-007 |
| Dedicated 188-181 B | 811-2528-007 |
| Dedicated 188-181 | 811-1410-007 |
| 25 kilohertz (K) Demand Assigned Multiple Access (DAMA) | |
| 188-183 | 811-1411-007 |
| 5K DAMA 188-182 | 811-1412-007 |
| Bootcode Part Numbers Type9 | |
| Powerup | 811-1417-007 |
| Field Programmable Gate Arrays (FPGAs) | 811-3191-007 |
| Real-Time Operating System (RTOS) | 811-1419-007 |
| Memory Loader/Verifier (MLV) | 811-1418-007 |
| Amplifier, Radio Frequency | MUOS AM-7642/ARC |
| Amplifier/Diplexer | MX-12366 LNA-T/ARC |
| AN/ARC-210 Test Controller | 822-1888-001 |
| Controller Software Version | 1.2.8 |