

**Collins Aerospace AN/ARC-210 (RT-1990A)
With the AM-7642/ARC High Power Amplifier (HPA)
And the MX-12366 Diplexer System**

-182A, -181B, -181C, -183, and -183B
Assessment 2020-4TB03-21895
12/15/2020

SYSTEM CONFIGURATION

Collins Aerospace AN/ARC-210 (RT-1990A) with AM-7642 and MX-12366 System	
Receiver Transmitter Radio	RT-1990A(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	AM-7642/ARC
Amplifier/Diplexer	MX-12366/ARC
AN/ARC-210 Test Controller	822-1888-001
Controller Software Version	1.2.8