

An Arc 164 Uhf Airborne Radio

Boeing B-47 Stratojet with AN/TPX-22 AN/ARA-25: UHF Direction Finding Group AN/ARA-26: Emergency Keyer Group AN/ARC-21: HF Long Range Liaison Radio Set AN/ARC-27: UHF/VHF Command The Boeing B-47 Stratojet (Boeing company designation Model 450) is a retired American long-range, six-engined, turbojet-powered strategic bomber designed to fly at high subsonic speed and at high altitude to avoid enemy interceptor aircraft. The primary mission of the B-47 was as a nuclear bomber capable of striking targets within the Soviet Union 2c79aff201

Northrop Grumman E-8 Joint STARS Army personnel as additional flight crew. It tracked ground vehicles and some aircraft, collected imagery, and relayed tactical pictures to ground and air theater commanders. AN/APY-7 synthetic aperture radar 12 AN/ARC-225 UHF radios w/ HAVE QUICK 2 AN/ARC-190 HF radios 4 VHF radios (2 x AN/ARC-210, 1 x AN/ARC-186, 1 x AN/ARC-201D) The Northrop Grumman E-8 Joint Surveillance Target Attack Radar System (Joint STARS) is a retired United States Air Force (USAF) airborne ground surveillance, battle management and command and control aircraft. S. Until its retirement in 2023 the aircraft was operated by both active duty USAF and Air National Guard units, with specially trained U 2c79aff201

AN/ARC-231 The ARC-231 radio also includes embedded anti-jam waveforms, including HAVE QUICK and SINCGARS, and other data link and secure communications features, providing battlefield interoperability. In accordance with the Joint Electronics Type Designation System (JETDS), the "AN/ARC-231" designation represents The AN/ARC-231 Skyfire is a software-definable radio for military aircraft that provides two-way, multi-mode voice and data communications over a 30 to 512 MHz frequency range. replacement for the older, UHF-only AN/ARC-164. It covers both line-of-sight Ultra High Frequency (UHF) and Very High Frequency (VHF) bands with AM, FM and SATCOM capabilities, including Integrated Waveform (IW). The radios utilize the MIL-STD-1553 data bus 2c79aff201

Grumman HU-16 Albatross S. Originally designated as the SA-16 for the USAF and the JR2F-1 and UF-1 for the USN and USCG, it was redesignated as the HU-16 in 1962. Navy (USN), the U. S. Coast Guard (USCG), and the Royal Canadian Air Force primarily as a search and rescue (SAR) aircraft. Avionics Communication: AN/ARC-27 UHF command set AN/ARC-38 HF liaison set AN/ARR-41 HF receiver AN/ART-33 LF transmitter Identification: AN/APA-89 coder group The Grumman HU-16 Albatross is a large, twin-radial engined amphibious flying boat that was used by the United States Air Force (USAF), the U 2c79aff201

Wireless power transfer ISBN 978-0387447100. Coleman, Christopher (2004). Optimization of Passive UHF RFID Systems. Wireless power transfer is useful to power electrical devices where interconnecting wires are inconvenient, hazardous, or are not possible. In a wireless power transmission system, an electrically powered transmitter device generates a time-varying electromagnetic field that transmits power across space to a receiver device; the receiver device extracts power from the field and supplies it to an electrical load. An Introduction to Radio Frequency Engineerin Wireless power transfer (WPT; also wireless energy transmission or WET) is the transmission of electrical energy without wires as a physical link. 4. p. The technology of wireless power transmission can eliminate the use of the wires and batteries, thereby increasing the mobility, convenience, and safety of an electronic device for all users. Springer 2c79aff201

AN/ARC-164 The AN/ARC-164 is an US military UHF aircraft radio that operates in the aeronautical mobile (OR) service / B band (NATO). It was first introduced in 1981 and might be found on B-52G/H, B-1B, C/EC/RC-26D, C-5, KC-135, C-23, C-130, C-141, F-15, A-10, F-16, UH-1D, CH-47, H-53, H-60 and S-3B aircraft. It was first introduced in The AN/ARC-164 is an US military UHF aircraft radio that operates in the aeronautical mobile (OR) service / B band (NATO) 2c79aff201

All electronic equipment and systems intended for use by the U.S. military are designated using the JETDS system. The beginning of the designation for equipment/systems always begins with AN/ which only identifies that the device has a JETDS-based designation (or name). When the JETDS was originally... 2c79aff201

Grumman E-2 Hawkeye AN/APS-145 Radar OL-483/AP IFF interrogator system APX-100 IFF Transponder OL-698/ASQ Tactical Computer Group AN/ARC-182 UHF/VHF radio AN/ARC-158 UHF The Northrop Grumman E-2 Hawkeye is an American all-weather, carrier-capable, tactical airborne early warning (AEW) aircraft. This twin-turboprop aircraft was designed and developed during the late 1950s and early 1960s by the Grumman Aircraft Company for the United States Navy as a replacement for the earlier, piston-engined E-1 Tracer, which was rapidly becoming obsolete. The E-2 was the first aircraft designed specifically for AEW, as opposed to a modification of an existing airframe, such. The fourth major version of the Hawkeye is the E-2D, which first flew in 2007. The aircraft's performance has been upgraded with the E-2B and E-2C versions, where most of the changes were made to the radar and radio communications due to advances in electronic integrated circuits and other electronics 2c79aff201

Development of the B-47 can be traced back to a requirement expressed by the United States Army Air Forces (USAAF) in 1943 for a reconnaissance bomber that harnessed newly-developed jet propulsion. Another key innovation adopted during the development process was the swept wing, drawing upon captured German research. With its engines carried in nacelles underneath the wing, the B-47 represented a major innovation in post-World War II combat jet... 2c79aff201 Wireless power techniques mainly fall into two... 2c79aff201

McDonnell Douglas CF-18 Hornet the radios with the new AN/ARC-210, RT-1556/ARC VHF/UHF Radio. In 1980, the F/A-18 was selected as the winner of the New Fighter Aircraft Project competition to replace the CF-104 Starfighter, CF-101 Voodoo and the CF-116 Freedom Fighter. CF-18s were also part of the Canadian contribution to the military intervention against ISIL, Operation. Deliveries of the CF-18 to the Canadian Armed Forces began in 1982. This radio, capable of line-of-sight communications on VHF/UHF frequencies as well as HAVE The McDonnell Douglas CF-18 Hornet (official military designation CF-188) is a Royal Canadian Air Force (RCAF) variant of the American McDonnell Douglas F/A-18 Hornet fighter aircraft. CF-18s have supported North American Aerospace Defense Command (NORAD) air sovereignty patrols and participated in combat during the Gulf War in 1991, the Kosovo War in the late 1990s, and as part of the Canadian contribution to the international Libyan no-fly zone in 2011 2c79aff201

List of Chengdu J-7 variants Production of the J-7 ceased after delivering 16 F-7BGIs to the Bangladesh Air Force in 2013. ejection seat to

replace the HTY-2 on the F-7M, a Rockwell Collins AN/ARC-164 & 186 radio, AN/APX-101 IFF, LJ-2 RWR and a more advanced oxygen supply system. The following is a list of variants and specifications for variants of the Chengdu J-7, which differed considerably between models in its 48-year production run. 2c79aff201

JETDS nomenclature 2c79aff201

List of military electronics of the United States. The list is organized as sorted tables that reflect the purpose, uses and manufacturers of each listed item. 146. : US Air. This article lists American military electronic instruments/systems along with brief descriptions. C. This stand-alone list specifically identifies electronic devices which are assigned designations (names) according to the Joint Electronics Type Designation System (JETDS), beginning with the AN/ prefix. They are grouped below by the first designation letter following this prefix. O. Washington, D. 12R2-2ARC96-2 Field Maintenance Instructions: Radio Communications Set, Airborne AN/ARC-96 (PDF) (Technical Manual). T 2c79aff201

The ARC-231s are manufactured by BAE Systems and are installed in a wide range of helicopters and some fixed-wing aircraft, across all the U.S. military services. Available accessories include remote controls, transmit power... 2c79aff201

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